

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012089.D
 Acq On : 06 Jan 2023 13:38
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:17:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	186775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	277629	131.881	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 263.760%#			
35) Dibromofluoromethane	7.716	113	251892	137.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 274.340%#			
50) Toluene-d8	10.179	98	953420	132.169	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 264.340%#			
62) 4-Bromofluorobenzene	12.483	95	342069	135.399	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 270.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	211418	150.111	ug/l	99
3) Chloromethane	2.113	50	197757	152.287	ug/l	98
4) Vinyl Chloride	2.253	62	235149	129.806	ug/l	99
5) Bromomethane	2.631	94	169121	150.781	ug/l	98
6) Chloroethane	2.784	64	162298	134.570	ug/l	98
7) Trichlorofluoromethane	3.119	101	489517	135.165	ug/l	100
8) Diethyl Ether	3.527	74	157595	141.505	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	259934	139.780	ug/l	95
10) Methyl Iodide	4.088	142	358789	141.143	ug/l	96
11) Tert butyl alcohol	4.954	59	165717	742.584	ug/l	99
12) 1,1-Dichloroethene	3.869	96	250413	138.417	ug/l	97
13) Acrolein	3.729	56	74056	756.993	ug/l	98
14) Allyl chloride	4.479	41	353301	144.697	ug/l	91
15) Acrylonitrile	5.161	53	379200	722.061	ug/l	99
16) Acetone	3.942	43	339273	675.009	ug/l	99
17) Carbon Disulfide	4.192	76	624457	138.398	ug/l	99
18) Methyl Acetate	4.472	43	196299	134.798	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	792010	145.899	ug/l	97
20) Methylene Chloride	4.716	84	287968	149.783	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	273168	135.622	ug/l	94
22) Diisopropyl ether	6.118	45	736335	144.653	ug/l	96
23) Vinyl Acetate	6.057	43	2302507	745.706	ug/l	95
24) 1,1-Dichloroethane	6.015	63	473913	141.058	ug/l	99
25) 2-Butanone	6.984	43	454373	686.392	ug/l	93
26) 2,2-Dichloropropane	6.978	77	497105	136.596	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	323547	140.062	ug/l	97
28) Bromochloromethane	7.332	49	116661	136.556	ug/l	84
29) Tetrahydrofuran	7.344	42	279052	715.096	ug/l	90
30) Chloroform	7.502	83	542422	141.192	ug/l	99
31) Cyclohexane	7.783	56	382892	151.548	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	528716	141.438	ug/l	97
36) 1,1-Dichloropropene	7.917	75	379732	136.064	ug/l	98
37) Ethyl Acetate	7.069	43	194078	147.841	ug/l #	97
38) Carbon Tetrachloride	7.899	117	491302	138.442	ug/l	96
39) Methylcyclohexane	9.185	83	463851	136.954	ug/l	97
40) Benzene	8.161	78	1121853	137.995	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012089.D
 Acq On : 06 Jan 2023 13:38
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:17:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	109993m	146.920	ug/l	
42) 1,2-Dichloroethane	8.234	62	363136	138.630	ug/l	99
43) Isopropyl Acetate	8.271	43	374277	146.611	ug/l	97
44) Trichloroethene	8.941	130	330146	137.958	ug/l	97
45) 1,2-Dichloropropane	9.215	63	259677	142.971	ug/l	99
46) Dibromomethane	9.301	93	161610	139.392	ug/l	97
47) Bromodichloromethane	9.496	83	426093	144.197	ug/l	99
48) Methyl methacrylate	9.289	41	169457	146.826	ug/l	94
49) 1,4-Dioxane	9.301	88	47072	2911.366	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	985760	719.353	ug/l	97
52) Toluene	10.246	92	749055	138.818	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	439777	144.180	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	475271	144.554	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	234225	139.310	ug/l	98
56) Ethyl methacrylate	10.508	69	327446	148.653	ug/l	97
57) 1,3-Dichloropropane	10.788	76	388963	140.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	574426	716.070	ug/l	93
59) 2-Hexanone	10.831	43	701776	728.222	ug/l	97
60) Dibromochloromethane	10.983	129	314367	142.691	ug/l	99
61) 1,2-Dibromoethane	11.087	107	223511	140.791	ug/l	100
64) Tetrachloroethene	10.721	164	330682	133.781	ug/l	98
65) Chlorobenzene	11.514	112	820287	141.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	322385	142.679	ug/l	98
67) Ethyl Benzene	11.593	91	1483332	143.606	ug/l	100
68) m/p-Xylenes	11.703	106	1150455	283.290	ug/l	100
69) o-Xylene	12.026	106	559224	144.571	ug/l	98
70) Styrene	12.044	104	949491	144.660	ug/l	99
71) Bromoform	12.209	173	206554	142.501	ug/l	99
73) Isopropylbenzene	12.331	105	1499479	148.085	ug/l	99
74) N-amyl acetate	12.142	43	337187	157.493	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	252299	145.944	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	208685m	124.296	ug/l	
77) Bromobenzene	12.605	156	352993	145.336	ug/l	95
78) n-propylbenzene	12.672	91	1739177	146.826	ug/l	99
79) 2-Chlorotoluene	12.758	91	993368	147.565	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1262525	145.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	98513	147.855	ug/l	98
82) 4-Chlorotoluene	12.855	91	1033515	145.837	ug/l	99
83) tert-Butylbenzene	13.075	119	1123454	148.341	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	1255076	145.449	ug/l	99
85) sec-Butylbenzene	13.251	105	1598881	145.983	ug/l	98
86) p-Isopropyltoluene	13.367	119	1391441	146.850	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	690209	142.884	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	687086	142.038	ug/l	99
89) n-Butylbenzene	13.696	91	1214153	147.326	ug/l	99
90) Hexachloroethane	13.959	117	254535	145.855	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	626160	144.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	50424	145.088	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	408870	151.856	ug/l	99
94) Hexachlorobutadiene	15.111	225	234628	143.438	ug/l	99
95) Naphthalene	15.233	128	850809	159.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	359329	153.656	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
Data File : VY012089.D
Acq On : 06 Jan 2023 13:38
Operator : KP/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:20:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:17:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012089.D
 Acq On : 06 Jan 2023 13:38
 Operator : KP/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:17:12 2023
 Response via : Initial Calibration

