

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012088.D
 Acq On : 06 Jan 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Jan 07 01:19:39 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	183107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	187064	90.641	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.280%#			
35) Dibromofluoromethane	7.716	113	164814	92.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 185.360%#			
50) Toluene-d8	10.179	98	628484	89.971	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 179.940%#			
62) 4-Bromofluorobenzene	12.483	95	228467	93.388	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 186.780%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	139443	99.616	ug/l	99
3) Chloromethane	2.113	50	124820	96.799	ug/l	98
4) Vinyl Chloride	2.253	62	153760	86.578	ug/l	100
5) Bromomethane	2.644	94	110308	98.824	ug/l	98
6) Chloroethane	2.790	64	103972	87.936	ug/l	99
7) Trichlorofluoromethane	3.125	101	315591	88.886	ug/l	97
8) Diethyl Ether	3.528	74	102908	94.252	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	169334	92.884	ug/l	96
10) Methyl Iodide	4.088	142	234195	93.975	ug/l	96
11) Tert butyl alcohol	4.954	59	116464	520.558	ug/l	99
12) 1,1-Dichloroethene	3.869	96	161303	90.947	ug/l	98
13) Acrolein	3.729	56	48914	496.428	ug/l	99
14) Allyl chloride	4.479	41	225018	94.004	ug/l	90
15) Acrylonitrile	5.161	53	256560	498.320	ug/l	99
16) Acetone	3.942	43	247320	501.919	ug/l	100
17) Carbon Disulfide	4.192	76	403711	90.431	ug/l	99
18) Methyl Acetate	4.473	43	132400	92.740	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	520914	97.882	ug/l	96
20) Methylene Chloride	4.716	84	192575	100.033	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	178339	90.315	ug/l	95
22) Diisopropyl ether	6.119	45	473813	94.945	ug/l #	95
23) Vinyl Acetate	6.058	43	1503312	496.626	ug/l	95
24) 1,1-Dichloroethane	6.015	63	307077	93.231	ug/l	98
25) 2-Butanone	6.984	43	320625	494.050	ug/l	91
26) 2,2-Dichloropropane	6.978	77	324873	91.058	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	209808	92.645	ug/l	97
28) Bromochloromethane	7.332	49	76037	90.787	ug/l #	82
29) Tetrahydrofuran	7.344	42	190970	499.181	ug/l	89
30) Chloroform	7.509	83	354637	94.161	ug/l	99
31) Cyclohexane	7.783	56	244246	97.320	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	343585	93.754	ug/l	97
36) 1,1-Dichloropropene	7.917	75	246268	91.125	ug/l	98
37) Ethyl Acetate	7.070	43	133383	103.881	ug/l #	97
38) Carbon Tetrachloride	7.899	117	322505	93.847	ug/l	97
39) Methylcyclohexane	9.185	83	300984	91.770	ug/l	94
40) Benzene	8.161	78	726086	92.231	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012088.D
 Acq On : 06 Jan 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Jan 07 01:19:39 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	7.326	41	86140m	118.819	ug/l	
42) 1,2-Dichloroethane	8.234	62	239791	94.533	ug/l	99
43) Isopropyl Acetate	8.271	43	248684	100.597	ug/l	97
44) Trichloroethene	8.941	130	217006	93.643	ug/l	96
45) 1,2-Dichloropropane	9.216	63	166909	94.898	ug/l	99
46) Dibromomethane	9.307	93	106312	94.692	ug/l	97
47) Bromodichloromethane	9.496	83	274340	95.875	ug/l	100
48) Methyl methacrylate	9.289	41	114099	102.092	ug/l	91
49) 1,4-Dioxane	9.301	88	32449	2072.526	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	680953	513.160	ug/l	97
52) Toluene	10.240	92	483896	92.608	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	288684	97.737	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	307575	96.606	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	157412	96.683	ug/l	98
56) Ethyl methacrylate	10.508	69	220015	103.146	ug/l	96
57) 1,3-Dichloropropane	10.788	76	259934	96.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	382971	493.005	ug/l	92
59) 2-Hexanone	10.831	43	494896	530.327	ug/l	97
60) Dibromochloromethane	10.984	129	208566	97.761	ug/l	100
61) 1,2-Dibromoethane	11.087	107	149921	97.522	ug/l	99
64) Tetrachloroethene	10.721	164	224052	92.058	ug/l	95
65) Chlorobenzene	11.514	112	539411	94.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	211687	95.150	ug/l	98
67) Ethyl Benzene	11.593	91	968175	95.195	ug/l	99
68) m/p-Xylenes	11.703	106	763355	190.904	ug/l	98
69) o-Xylene	12.026	106	365670	96.009	ug/l	98
70) Styrene	12.044	104	623363	96.455	ug/l	99
71) Bromoform	12.209	173	139204	97.535	ug/l #	98
73) Isopropylbenzene	12.331	105	993092	96.645	ug/l	99
74) N-amyl acetate	12.142	43	226500	104.251	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	170703	97.305	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	140766m	82.620	ug/l	
77) Bromobenzene	12.605	156	234460	95.126	ug/l	95
78) n-propylbenzene	12.672	91	1146745	95.400	ug/l	98
79) 2-Chlorotoluene	12.758	91	651092	95.310	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	845357	95.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	66736	98.702	ug/l	96
82) 4-Chlorotoluene	12.855	91	683902	95.097	ug/l	98
83) tert-Butylbenzene	13.075	119	743474	96.737	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	844564	96.449	ug/l	98
85) sec-Butylbenzene	13.251	105	1062487	95.594	ug/l	98
86) p-Isopropyltoluene	13.367	119	920673	95.750	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	464055	94.666	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	458793	93.462	ug/l	99
89) n-Butylbenzene	13.696	91	811491	97.031	ug/l	99
90) Hexachloroethane	13.959	117	169017	95.439	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	419981	95.517	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35286	100.050	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	272862	99.865	ug/l	99
94) Hexachlorobutadiene	15.111	225	155843	93.884	ug/l	99
95) Naphthalene	15.233	128	577681	106.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	238681	100.576	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
Data File : VY012088.D
Acq On : 06 Jan 2023 13:15
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

Quant Time: Jan 07 01:19:39 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 : VY012088.D
 Acq On : 06 Jan 2023 13:15
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Jan 07 01:19:39 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

