

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012091.D
 Acq On : 06 Jan 2023 14:39
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010623

Quant Time: Jan 07 01:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86094	46.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.620%		
35) Dibromofluoromethane	7.716	113	78450	47.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.400%		
50) Toluene-d8	10.179	98	295788	45.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.120%		
62) 4-Bromofluorobenzene	12.483	95	107548	47.396	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64782	49.787	ug/l	98
3) Chloromethane	2.113	50	59706	50.215	ug/l	100
4) Vinyl Chloride	2.253	62	70470	44.302	ug/l	97
5) Bromomethane	2.650	94	56702	54.874	ug/l	97
6) Chloroethane	2.796	64	48456	45.980	ug/l	97
7) Trichlorofluoromethane	3.125	101	146120	46.111	ug/l	100
8) Diethyl Ether	3.527	74	47492	48.950	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	78472	48.096	ug/l	96
10) Methyl Iodide	4.094	142	98955	44.739	ug/l	95
11) Tert butyl alcohol	4.954	59	51763	239.719	ug/l	99
12) 1,1-Dichloroethene	3.875	96	75624	47.278	ug/l	99
13) Acrolein	3.729	56	22691	237.951	ug/l	99
14) Allyl chloride	4.479	41	107055	49.648	ug/l	92
15) Acrylonitrile	5.161	53	118798	260.617	ug/l	100
16) Acetone	3.948	43	111648	258.080	ug/l	97
17) Carbon Disulfide	4.198	76	187785	48.554	ug/l	99
18) Methyl Acetate	4.479	43	60757	48.823	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	240301	51.040	ug/l	95
20) Methylene Chloride	4.716	84	98872	54.605	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	82968	46.875	ug/l	93
22) Diisopropyl ether	6.118	45	231464	52.181	ug/l	94
23) Vinyl Acetate	6.057	43	712175	265.317	ug/l	95
24) 1,1-Dichloroethane	6.015	63	147193	49.886	ug/l	98
25) 2-Butanone	6.984	43	146066	255.911	ug/l	93
26) 2,2-Dichloropropane	6.984	77	150724	47.352	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	100515	49.721	ug/l	96
28) Bromochloromethane	7.338	49	38194	51.202	ug/l	84
29) Tetrahydrofuran	7.344	42	88096	264.422	ug/l	89
30) Chloroform	7.502	83	168952	50.234	ug/l	99
31) Cyclohexane	7.783	56	115620	49.762	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	160424	49.108	ug/l	98
36) 1,1-Dichloropropene	7.917	75	114336	45.821	ug/l	98
37) Ethyl Acetate	7.076	43	62473	46.759	ug/l	97
38) Carbon Tetrachloride	7.899	117	149625	47.243	ug/l	96
39) Methylcyclohexane	9.185	83	137559	46.148	ug/l	96
40) Benzene	8.161	78	341377	46.949	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012091.D
 Acq On : 06 Jan 2023 14:39
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010623

Quant Time: Jan 07 01:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32827m	45.176	ug/l	
42) 1,2-Dichloroethane	8.240	62	111762	48.549	ug/l	99
43) Isopropyl Acetate	8.271	43	114502	51.138	ug/l	97
44) Trichloroethene	8.941	130	100803	47.478	ug/l	97
45) 1,2-Dichloropropane	9.215	63	78920	48.713	ug/l	98
46) Dibromomethane	9.307	93	50554	49.568	ug/l	98
47) Bromodichloromethane	9.496	83	129760	50.037	ug/l	98
48) Methyl methacrylate	9.289	41	51264	51.113	ug/l	91
49) 1,4-Dioxane	9.301	88	14613	1034.681	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	311308	261.293	ug/l	97
52) Toluene	10.240	92	227120	47.189	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	134367	49.806	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	144880	49.640	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	74605	50.647	ug/l	98
56) Ethyl methacrylate	10.508	69	99691	51.663	ug/l	97
57) 1,3-Dichloropropane	10.788	76	122719	50.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	172526	244.434	ug/l	94
59) 2-Hexanone	10.831	43	221029	264.203	ug/l	96
60) Dibromochloromethane	10.983	129	97691	50.298	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69050	48.976	ug/l	98
64) Tetrachloroethene	10.721	164	103957	46.231	ug/l	98
65) Chlorobenzene	11.514	112	251655	48.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	99598	49.209	ug/l	98
67) Ethyl Benzene	11.593	91	448169	47.828	ug/l	99
68) m/p-Xylenes	11.703	106	352520	95.919	ug/l	99
69) o-Xylene	12.026	106	169510	48.440	ug/l	100
70) Styrene	12.044	104	289116	48.638	ug/l	98
71) Bromoform	12.209	173	64811	50.397	ug/l #	99
73) Isopropylbenzene	12.331	105	460413	47.522	ug/l	99
74) N-amyl acetate	12.142	43	103833	51.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	81688	50.122	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	66718m	47.722	ug/l	
77) Bromobenzene	12.605	156	109348	47.321	ug/l	95
78) n-propylbenzene	12.672	91	539619	47.711	ug/l	99
79) 2-Chlorotoluene	12.758	91	306842	47.428	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	402064	48.384	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	31112	49.423	ug/l	98
82) 4-Chlorotoluene	12.855	91	320157	47.313	ug/l	99
83) tert-Butylbenzene	13.075	119	350192	48.097	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	396859	48.246	ug/l	99
85) sec-Butylbenzene	13.251	105	504624	48.220	ug/l	98
86) p-Isopropyltoluene	13.367	119	439774	48.505	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	219861	47.466	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	219582	47.455	ug/l	99
89) n-Butylbenzene	13.696	91	387561	49.328	ug/l	98
90) Hexachloroethane	13.959	117	81162	48.253	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	198941	48.210	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16228	50.099	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	129852	50.472	ug/l	99
94) Hexachlorobutadiene	15.111	225	77224	49.749	ug/l	99
95) Naphthalene	15.233	128	265140	52.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	112765	50.413	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012091.D
 Acq On : 06 Jan 2023 14:39
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010623

Manual Integrations
APPROVED

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

Quant Time: Jan 07 01:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 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 : VY012091.D
 Acq On : 06 Jan 2023 14:39
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY010623

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 01:48:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M

Quant Title : SW846 8260

QLast Update : Sat Jan 07 01:46:48 2023

Response via : Initial Calibration

