

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012728.D
 Acq On : 27 Feb 2023 11:39
 Operator : KP/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62986	46.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.340%			
35) Dibromofluoromethane	7.716	113	58997	50.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.080%			
50) Toluene-d8	10.179	98	223856	50.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.483	95	74211	52.504	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22304	18.986	ug/l	100
3) Chloromethane	2.113	50	26672	16.572	ug/l	98
4) Vinyl Chloride	2.253	62	24633	18.977	ug/l	100
5) Bromomethane	2.644	94	15181	21.355	ug/l	97
6) Chloroethane	2.790	64	15368	18.598	ug/l	98
7) Trichlorofluoromethane	3.119	101	42199	20.168	ug/l	97
8) Diethyl Ether	3.521	74	15063	20.108	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	25756	20.598	ug/l	99
10) Methyl Iodide	4.088	142	31378	19.165	ug/l	98
11) Tert butyl alcohol	4.954	59	17061	115.569	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	24395	20.209	ug/l	97
13) Acrolein	3.729	56	19460	104.331	ug/l	100
14) Allyl chloride	4.479	41	42314	18.061	ug/l	97
15) Acrylonitrile	5.161	53	40688	102.091	ug/l	100
16) Acetone	3.942	43	45462	103.236	ug/l	100
17) Carbon Disulfide	4.192	76	81036	19.949	ug/l	98
18) Methyl Acetate	4.479	43	26708	18.827	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	64431	19.843	ug/l	98
20) Methylene Chloride	4.710	84	33948	21.254	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	27490	20.936	ug/l	89
22) Diisopropyl ether	6.119	45	84810	19.399	ug/l	96
23) Vinyl Acetate	6.058	43	263694	97.389	ug/l	97
24) 1,1-Dichloroethane	6.021	63	47811	19.723	ug/l	99
25) 2-Butanone	6.984	43	59924	102.527	ug/l	97
26) 2,2-Dichloropropane	6.984	77	42311	20.009	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	29605	20.607	ug/l	96
28) Bromochloromethane	7.332	49	18789	19.356	ug/l	89
29) Tetrahydrofuran	7.344	42	36216	101.494	ug/l	95
30) Chloroform	7.502	83	47466	20.208	ug/l	98
31) Cyclohexane	7.783	56	43668	18.625	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	42299	19.893	ug/l	97
36) 1,1-Dichloropropene	7.917	75	37877	20.269	ug/l	100
37) Ethyl Acetate	7.070	43	24588	19.499	ug/l	98
38) Carbon Tetrachloride	7.905	117	39380	20.380	ug/l	98
39) Methylcyclohexane	9.185	83	44165	20.488	ug/l	95
40) Benzene	8.161	78	109948	21.078	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012728.D
 Acq On : 27 Feb 2023 11:39
 Operator : KP/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	12434m	20.246	ug/l	
42) 1,2-Dichloroethane	8.234	62	31817	19.670	ug/l	98
43) Isopropyl Acetate	8.271	43	41961	19.257	ug/l	95
44) Trichloroethene	8.941	130	28960	21.473	ug/l	95
45) 1,2-Dichloropropane	9.216	63	27130	20.219	ug/l	98
46) Dibromomethane	9.301	93	15889	21.452	ug/l	97
47) Bromodichloromethane	9.496	83	36508	20.474	ug/l	100
48) Methyl methacrylate	9.295	41	20168	19.835	ug/l	99
49) 1,4-Dioxane	9.301	88	4324	409.984	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	119528	101.690	ug/l	96
52) Toluene	10.246	92	67770	21.927	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38042	20.416	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43966	20.852	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	22236	22.103	ug/l	92
56) Ethyl methacrylate	10.508	69	28962	21.080	ug/l	95
57) 1,3-Dichloropropane	10.788	76	37906	21.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	73253	97.883	ug/l	97
59) 2-Hexanone	10.831	43	86420	103.712	ug/l	94
60) Dibromochloromethane	10.984	129	26779	21.971	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21348	22.149	ug/l	100
64) Tetrachloroethene	10.721	164	24214	21.328	ug/l	97
65) Chlorobenzene	11.514	112	71350	21.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26334	21.227	ug/l	98
67) Ethyl Benzene	11.593	91	124800	20.857	ug/l	99
68) m/p-Xylenes	11.703	106	97303	42.628	ug/l	97
69) o-Xylene	12.032	106	45776	21.652	ug/l	97
70) Styrene	12.044	104	76918	21.706	ug/l	98
71) Bromoform	12.209	173	17308	21.864	ug/l #	96
73) Isopropylbenzene	12.331	105	121516	20.311	ug/l	99
74) N-amyl acetate	12.142	43	36809	18.716	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	27763	20.639	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	16168m	16.019	ug/l	
77) Bromobenzene	12.605	156	29166	20.345	ug/l	97
78) n-propylbenzene	12.672	91	150253	20.078	ug/l	100
79) 2-Chlorotoluene	12.758	91	81639	19.637	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	99642	19.938	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9882	20.742	ug/l	92
82) 4-Chlorotoluene	12.855	91	88015	20.412	ug/l	99
83) tert-Butylbenzene	13.075	119	87032	20.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	99545	20.376	ug/l	100
85) sec-Butylbenzene	13.251	105	132038	20.336	ug/l	99
86) p-Isopropyltoluene	13.367	119	108598	20.309	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	58359	20.785	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	58023	20.378	ug/l	100
89) n-Butylbenzene	13.696	91	101620	19.843	ug/l	99
90) Hexachloroethane	13.959	117	22015	20.287	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	52178	20.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4468	20.206	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	30590	19.288	ug/l	98
94) Hexachlorobutadiene	15.111	225	18966	19.815	ug/l	98
95) Naphthalene	15.239	128	58879	18.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27050	19.269	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
Data File : VY012728.D
Acq On : 27 Feb 2023 11:39
Operator : KP/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:21:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

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

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

