

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007302.D
 Acq On : 26 Jan 2022 13:15
 Operator : SY/MD
 Sample : VY0126SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	85758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	145115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56195	53.404	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.722	113	53680	54.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.420%			
50) Toluene-d8	10.185	98	188035	52.444	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.880%			
62) 4-Bromofluorobenzene	12.483	95	67991	53.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	5719	19.019	ug/l	93
3) Chloromethane	2.119	50	12773	20.255	ug/l	98
4) Vinyl Chloride	2.265	62	18543	20.204	ug/l	100
5) Bromomethane	2.662	94	12641	21.271	ug/l	95
6) Chloroethane	2.802	64	12241	21.376	ug/l	97
7) Trichlorofluoromethane	3.131	101	22680	22.930	ug/l	99
8) Diethyl Ether	3.534	74	11681	21.446	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	20312	21.077	ug/l	98
10) Methyl Iodide	4.094	142	28773	20.187	ug/l	97
11) Tert butyl alcohol	4.948	59	10135	110.269	ug/l	100
12) 1,1-Dichloroethene	3.875	96	19697	20.298	ug/l	97
13) Acrolein	3.729	56	2177	90.619	ug/l	90
14) Allyl chloride	4.485	41	31648	20.340	ug/l	97
15) Acrylonitrile	5.161	53	29491	112.660	ug/l	99
16) Acetone	3.954	43	26007	95.233	ug/l	97
17) Carbon Disulfide	4.198	76	45088	16.731	ug/l	97
18) Methyl Acetate	4.478	43	25121	25.852	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	43459	22.748	ug/l	93
20) Methylene Chloride	4.722	84	25154	22.275	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	20829	19.799	ug/l	94
22) Diisopropyl ether	6.118	45	68369	21.689	ug/l	97
23) Vinyl Acetate	6.064	43	179591	96.878	ug/l	100
24) 1,1-Dichloroethane	6.021	63	41328	21.553	ug/l	99
25) 2-Butanone	6.990	43	36455	103.250	ug/l	96
26) 2,2-Dichloropropane	6.984	77	30593	21.891	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	25857	21.667	ug/l	99
28) Bromochloromethane	7.338	49	11524	16.614	ug/l	96
29) Tetrahydrofuran	7.350	42	24011	105.791	ug/l	98
30) Chloroform	7.508	83	45093	22.633	ug/l	100
31) Cyclohexane	7.789	56	34334	19.300	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	37165	21.824	ug/l	98
36) 1,1-Dichloropropene	7.917	75	32330	20.629	ug/l	99
37) Ethyl Acetate	7.076	43	17583	21.862	ug/l	98
38) Carbon Tetrachloride	7.905	117	34774	21.095	ug/l	98
39) Methylcyclohexane	9.185	83	37271	19.478	ug/l	97
40) Benzene	8.167	78	86667	20.732	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007302.D
 Acq On : 26 Jan 2022 13:15
 Operator : SY/MD
 Sample : VY0126SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9830	21.224	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	28410	21.581	ug/l	99
43) Isopropyl Acetate	8.270	43	33645	21.499	ug/l	97
44) Trichloroethene	8.941	130	23784	21.025	ug/l	94
45) 1,2-Dichloropropane	9.222	63	22490	21.156	ug/l	99
46) Dibromomethane	9.307	93	13453	21.400	ug/l	98
47) Bromodichloromethane	9.502	83	33753	21.841	ug/l	96
48) Methyl methacrylate	9.295	41	14151	19.880	ug/l	94
49) 1,4-Dioxane	9.313	88	3202	472.399	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	84447	106.424	ug/l	97
52) Toluene	10.246	92	56294	21.245	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	34466	21.127	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	38438	21.049	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	18900	22.165	ug/l	96
56) Ethyl methacrylate	10.514	69	25252	21.021	ug/l	98
57) 1,3-Dichloropropane	10.794	76	32253	21.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	63245	115.783	ug/l	99
59) 2-Hexanone	10.837	43	56448	104.822	ug/l	98
60) Dibromochloromethane	10.989	129	22785	21.737	ug/l	98
61) 1,2-Dibromoethane	11.093	107	18169	21.689	ug/l	99
64) Tetrachloroethene	10.721	164	19418	21.093	ug/l	97
65) Chlorobenzene	11.520	112	59177	21.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	22341	21.581	ug/l	99
67) Ethyl Benzene	11.599	91	113082	21.545	ug/l	98
68) m/p-Xylenes	11.703	106	83082	42.595	ug/l	100
69) o-Xylene	12.032	106	39846	21.693	ug/l	99
70) Styrene	12.050	104	67219	21.693	ug/l	99
71) Bromoform	12.209	173	13157	21.973	ug/l #	99
73) Isopropylbenzene	12.337	105	107106	20.696	ug/l	99
74) N-amyl acetate	12.148	43	28622	20.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	21233	21.099	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	14591m	21.356	ug/l	
77) Bromobenzene	12.611	156	23679	21.028	ug/l	99
78) n-propylbenzene	12.672	91	133687	20.838	ug/l	98
79) 2-Chlorotoluene	12.757	91	73955	20.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	89440	21.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	7394	19.812	ug/l #	97
82) 4-Chlorotoluene	12.855	91	76587	20.583	ug/l	99
83) tert-Butylbenzene	13.081	119	79202	21.571	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	87668	20.814	ug/l	97
85) sec-Butylbenzene	13.257	105	116955	21.291	ug/l	100
86) p-Isopropyltoluene	13.373	119	97184	21.529	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	46807	21.236	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	46631	21.039	ug/l	98
89) n-Butylbenzene	13.702	91	95288	21.439	ug/l	98
90) Hexachloroethane	13.965	117	18591	21.066	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	41410	21.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3488	20.068	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	24802	20.796	ug/l	99
94) Hexachlorobutadiene	15.117	225	13207	21.487	ug/l	99
95) Naphthalene	15.239	128	51369	20.280	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	20942	20.583	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007302.D
Acq On : 26 Jan 2022 13:15
Operator : SY/MD
Sample : VY0126SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBSD02

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/27/2022
Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:33:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
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\VY012622\
 Data File : VY007302.D
 Acq On : 26 Jan 2022 13:15
 Operator : SY/MD
 Sample : VY0126SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS02

Manual Integrations APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

