

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007921.D
 Acq On : 19 Mar 2022 00:04
 Operator : SY/MD
 Sample : VY0318SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 01:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	386306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148772	54.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.560%			
35) Dibromofluoromethane	7.716	113	154066	50.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.300%			
50) Toluene-d8	10.179	98	517629	57.205	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.400%			
62) 4-Bromofluorobenzene	12.483	95	202155	46.304	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38399	22.085	ug/l	99
3) Chloromethane	2.113	50	54068	25.242	ug/l	95
4) Vinyl Chloride	2.247	62	67724	26.299	ug/l	100
5) Bromomethane	2.637	94	51715	30.090	ug/l	100
6) Chloroethane	2.790	64	48140	24.715	ug/l	100
7) Trichlorofluoromethane	3.119	101	94667	21.678	ug/l	98
8) Diethyl Ether	3.527	74	37387	23.068	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	59085	20.947	ug/l	92
10) Methyl Iodide	4.088	142	57803	22.170	ug/l	90
11) Tert butyl alcohol	4.954	59	37582	118.789	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	56942	22.017	ug/l	85
13) Acrolein	3.722	56	24379	127.937	ug/l	97
14) Allyl chloride	4.478	41	92260	21.208	ug/l #	91
15) Acrylonitrile	5.155	53	99807	115.552	ug/l	98
16) Acetone	3.948	43	72012	99.956	ug/l	90
17) Carbon Disulfide	4.192	76	134533	24.532	ug/l	99
18) Methyl Acetate	4.478	43	53055	28.451	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	186233	22.956	ug/l	99
20) Methylene Chloride	4.710	84	84360	28.168	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	62864	21.711	ug/l	88
22) Diisopropyl ether	6.118	45	211996	22.652	ug/l #	94
23) Vinyl Acetate	6.057	43	679567	115.931	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	119198	22.612	ug/l	99
25) 2-Butanone	6.984	43	125757	108.977	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	94585	19.359	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	80334	23.115	ug/l	84
28) Bromochloromethane	7.331	49	48269	23.182	ug/l	86
29) Tetrahydrofuran	7.344	42	86395	116.844	ug/l #	87
30) Chloroform	7.508	83	122611	22.503	ug/l	98
31) Cyclohexane	7.783	56	100215	22.763	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	107364	21.877	ug/l	96
36) 1,1-Dichloropropene	7.917	75	87705	19.439	ug/l	97
37) Ethyl Acetate	7.075	43	56748	20.613	ug/l #	93
38) Carbon Tetrachloride	7.898	117	92693	19.226	ug/l	99
39) Methylcyclohexane	9.179	83	108812	19.839	ug/l	92
40) Benzene	8.161	78	263543	19.989	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007921.D
 Acq On : 19 Mar 2022 00:04
 Operator : SY/MD
 Sample : VY0318SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 01:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31875m	18.774	ug/l	
42) 1,2-Dichloroethane	8.234	62	79370	20.792	ug/l	91
43) Isopropyl Acetate	8.270	43	108202	20.387	ug/l #	92
44) Trichloroethene	8.941	130	69768	19.137	ug/l	97
45) 1,2-Dichloropropane	9.215	63	68774	20.145	ug/l	94
46) Dibromomethane	9.301	93	41444	20.752	ug/l	92
47) Bromodichloromethane	9.496	83	99587	20.641	ug/l	99
48) Methyl methacrylate	9.288	41	46397	19.652	ug/l #	82
49) 1,4-Dioxane	9.295	88	11250	397.749	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	288025	103.002	ug/l	91
52) Toluene	10.246	92	170244	20.106	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	101836	19.786	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	114431	19.937	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	61293	21.125	ug/l	97
56) Ethyl methacrylate	10.508	69	83787	20.115	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	101104	20.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	206533	101.073	ug/l	96
59) 2-Hexanone	10.831	43	201258	100.646	ug/l	89
60) Dibromochloromethane	10.983	129	70343	20.242	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56892	20.268	ug/l	98
64) Tetrachloroethene	10.721	164	56660	18.848	ug/l	97
65) Chlorobenzene	11.514	112	185974	20.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	70652	20.278	ug/l	97
67) Ethyl Benzene	11.593	91	328790	19.946	ug/l	97
68) m/p-Xylenes	11.703	106	252922	39.333	ug/l	94
69) o-Xylene	12.026	106	123888	19.918	ug/l	93
70) Styrene	12.044	104	210748	20.153	ug/l	96
71) Bromoform	12.209	173	42561	19.071	ug/l #	97
73) Isopropylbenzene	12.331	105	321200	19.942	ug/l	99
74) N-amyl acetate	12.142	43	99097	20.853	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	74241	21.413	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	54179m	20.772	ug/l	
77) Bromobenzene	12.611	156	72628	19.732	ug/l	95
78) n-propylbenzene	12.672	91	388017	19.950	ug/l	98
79) 2-Chlorotoluene	12.757	91	221882	20.276	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	267929	20.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	23796	19.163	ug/l	86
82) 4-Chlorotoluene	12.855	91	229854	20.220	ug/l	99
83) tert-Butylbenzene	13.074	119	238471	20.118	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	266231	20.503	ug/l	99
85) sec-Butylbenzene	13.251	105	354845	19.975	ug/l	99
86) p-Isopropyltoluene	13.367	119	284453	19.724	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	145465	20.236	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	145470	20.191	ug/l	97
89) n-Butylbenzene	13.696	91	272603	19.697	ug/l	99
90) Hexachloroethane	13.958	117	58402	20.289	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	130392	20.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11922	19.987	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	74415	18.206	ug/l	97
94) Hexachlorobutadiene	15.111	225	36547	16.760	ug/l	99
95) Naphthalene	15.233	128	181773	19.932	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	64250	17.822	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007921.D
 Acq On : 19 Mar 2022 00:04
 Operator : SY/MD
 Sample : VY0318SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0318SBSD02

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 01:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 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\VY031822\
 Data File : VY007921.D
 Acq On : 19 Mar 2022 00:04
 Operator : SY/MD
 Sample : VY0318SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS02

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 01:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

