

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009447.D
 Acq On : 06 Jul 2022 12:33
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Quant Time: Jul 07 01:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	143079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	225037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	212540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58650	51.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.360%			
35) Dibromofluoromethane	7.710	113	63239	51.059	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.120%			
50) Toluene-d8	10.173	98	196573	51.765	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.477	95	98495	54.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 109.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23873	20.267	ug/l	99
3) Chloromethane	2.107	50	23234	18.128	ug/l	99
4) Vinyl Chloride	2.241	62	30399	20.503	ug/l	100
5) Bromomethane	2.625	94	21286	22.373	ug/l	94
6) Chloroethane	2.778	64	17630	22.301	ug/l	99
7) Trichlorofluoromethane	3.113	101	43005	21.863	ug/l	94
8) Diethyl Ether	3.521	74	15213	19.794	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	27810	19.723	ug/l	99
10) Methyl Iodide	4.076	142	28949	18.704	ug/l	93
11) Tert butyl alcohol	4.930	59	29161	134.631	ug/l #	77
12) 1,1-Dichloroethene	3.857	96	24246	18.851	ug/l	88
13) Acrolein	3.723	56	8260	86.359	ug/l	98
14) Allyl chloride	4.466	41	43822	18.594	ug/l	96
15) Acrylonitrile	5.155	53	42318	97.195	ug/l	100
16) Acetone	3.936	43	34172	90.794	ug/l	100
17) Carbon Disulfide	4.180	76	58770	16.427	ug/l	99
18) Methyl Acetate	4.466	43	23240	21.236	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	78480	20.346	ug/l	96
20) Methylene Chloride	4.710	84	34860	15.290	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	28246	18.343	ug/l	94
22) Diisopropyl ether	6.106	45	105503	21.213	ug/l	98
23) Vinyl Acetate	6.051	43	320767	102.954	ug/l	96
24) 1,1-Dichloroethane	6.009	63	56343	20.149	ug/l	99
25) 2-Butanone	6.978	43	60881	102.031	ug/l	96
26) 2,2-Dichloropropane	6.966	77	55308	20.898	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	35620	19.911	ug/l	93
28) Bromochloromethane	7.326	49	22118	18.421	ug/l #	86
29) Tetrahydrofuran	7.344	42	39178	102.413	ug/l	95
30) Chloroform	7.496	83	57937	20.159	ug/l	95
31) Cyclohexane	7.777	56	47955	18.604	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	52976	20.584	ug/l	97
36) 1,1-Dichloropropene	7.911	75	42849	19.786	ug/l	97
37) Ethyl Acetate	7.070	43	27618	21.505	ug/l	97
38) Carbon Tetrachloride	7.893	117	47853	21.141	ug/l	98
39) Methylcyclohexane	9.179	83	49112	19.162	ug/l	94
40) Benzene	8.155	78	129389	20.431	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009447.D
 Acq On : 06 Jul 2022 12:33
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 01:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14747m	20.325	ug/l	
42) 1,2-Dichloroethane	8.228	62	38971	21.452	ug/l	91
43) Isopropyl Acetate	8.264	43	50613	21.465	ug/l	94
44) Trichloroethene	8.935	130	35711	20.294	ug/l	97
45) 1,2-Dichloropropane	9.209	63	34157	21.292	ug/l	100
46) Dibromomethane	9.301	93	19244	20.940	ug/l	97
47) Bromodichloromethane	9.490	83	47130	21.655	ug/l	96
48) Methyl methacrylate	9.289	41	22260	21.899	ug/l	92
49) 1,4-Dioxane	9.289	88	5323	415.515	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	138943	114.289	ug/l	95
52) Toluene	10.240	92	86179	21.568	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	47734	21.926	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	53480	20.574	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	27757	22.701	ug/l	98
56) Ethyl methacrylate	10.502	69	36974	23.691	ug/l	90
57) 1,3-Dichloropropane	10.782	76	45674	21.087	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	84628	97.937	ug/l	95
59) 2-Hexanone	10.825	43	94323	112.316	ug/l	94
60) Dibromochloromethane	10.977	129	34064	22.014	ug/l	98
61) 1,2-Dibromoethane	11.081	107	26212	21.353	ug/l	99
64) Tetrachloroethene	10.715	164	40439	20.437	ug/l	100
65) Chlorobenzene	11.514	112	93972	20.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	35411	21.228	ug/l	97
67) Ethyl Benzene	11.587	91	165122	20.930	ug/l	98
68) m/p-Xylenes	11.697	106	130966	41.515	ug/l	92
69) o-Xylene	12.026	106	62488	20.990	ug/l	91
70) Styrene	12.038	104	107462	21.786	ug/l	95
71) Bromoform	12.203	173	21953	20.944	ug/l #	100
73) Isopropylbenzene	12.325	105	167126	19.363	ug/l	99
74) N-amyl acetate	12.136	43	48418	21.385	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	31082	18.590	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	23240m	16.982	ug/l	
77) Bromobenzene	12.605	156	39396	19.147	ug/l	96
78) n-propylbenzene	12.666	91	207139	19.728	ug/l	98
79) 2-Chlorotoluene	12.751	91	116501	19.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	142546	19.749	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	11528	18.755	ug/l	90
82) 4-Chlorotoluene	12.849	91	121595	19.743	ug/l	97
83) tert-Butylbenzene	13.069	119	124724	20.566	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	143053	20.856	ug/l	97
85) sec-Butylbenzene	13.245	105	188739	20.663	ug/l	98
86) p-Isopropyltoluene	13.367	119	158416	20.625	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	83203	20.468	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	84894	20.295	ug/l	99
89) n-Butylbenzene	13.690	91	152562	21.139	ug/l	100
90) Hexachloroethane	13.959	117	30888	20.283	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	74838	20.299	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5790	20.663	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	44950	20.539	ug/l	99
94) Hexachlorobutadiene	15.105	225	24589	20.014	ug/l	97
95) Naphthalene	15.233	128	88358	20.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37929	19.948	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009447.D
 Acq On : 06 Jul 2022 12:33
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0706SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 01:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

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

