

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008177.D
 Acq On : 04 Apr 2022 13:37
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 04:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	154819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	238339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77837	50.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.722	113	82047	49.262	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.520%			
50) Toluene-d8	10.185	98	300339	47.864	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.720%			
62) 4-Bromofluorobenzene	12.483	95	103634	46.813	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28240	20.235	ug/l	98
3) Chloromethane	2.113	50	36538	21.499	ug/l	92
4) Vinyl Chloride	2.253	62	46859	20.723	ug/l	98
5) Bromomethane	2.643	94	40009	21.590	ug/l	91
6) Chloroethane	2.790	64	31980	21.500	ug/l	99
7) Trichlorofluoromethane	3.125	101	53985	18.873	ug/l	98
8) Diethyl Ether	3.527	74	18524	19.998	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.905	101	34162	19.253	ug/l	92
10) Methyl Iodide	4.094	142	34400	17.732	ug/l	90
11) Tert butyl alcohol	4.966	59	15587	96.718	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	31951	19.451	ug/l #	77
13) Acrolein	3.728	56	11050	84.239	ug/l	97
14) Allyl chloride	4.478	41	42483	19.657	ug/l #	91
15) Acrylonitrile	5.161	53	46825	106.124	ug/l	97
16) Acetone	3.942	43	34257	96.488	ug/l #	85
17) Carbon Disulfide	4.192	76	92856	19.950	ug/l	99
18) Methyl Acetate	4.472	43	20975	17.795	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	94056	20.149	ug/l	96
20) Methylene Chloride	4.716	84	41134	19.945	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	37475	19.703	ug/l #	81
22) Diisopropyl ether	6.118	45	96968	20.855	ug/l #	90
23) Vinyl Acetate	6.057	43	305118	105.904	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	61348	19.930	ug/l	96
25) 2-Butanone	6.984	43	56076	103.789	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	54544	18.710	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	43591	19.773	ug/l	82
28) Bromochloromethane	7.338	49	21311	21.470	ug/l #	69
29) Tetrahydrofuran	7.344	42	37180	105.848	ug/l #	74
30) Chloroform	7.508	83	66831	20.051	ug/l	98
31) Cyclohexane	7.783	56	54583	18.799	ug/l #	78
32) 1,1,1-Trichloroethane	7.703	97	58604	19.029	ug/l	95
36) 1,1-Dichloropropene	7.923	75	49581	18.951	ug/l	96
37) Ethyl Acetate	7.069	43	26078	21.338	ug/l #	92
38) Carbon Tetrachloride	7.905	117	51626	18.107	ug/l	99
39) Methylcyclohexane	9.185	83	63667	18.029	ug/l #	85
40) Benzene	8.161	78	145865	19.491	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008177.D
 Acq On : 04 Apr 2022 13:37
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 04:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	12286m	20.020	ug/l	
42) 1,2-Dichloroethane	8.234	62	42635	20.309	ug/l	89
43) Isopropyl Acetate	8.276	43	48226	20.101	ug/l #	86
44) Trichloroethene	8.941	130	41533	19.192	ug/l	97
45) 1,2-Dichloropropane	9.215	63	35003	19.846	ug/l	92
46) Dibromomethane	9.307	93	22608	19.495	ug/l	95
47) Bromodichloromethane	9.496	83	50968	19.220	ug/l	100
48) Methyl methacrylate	9.294	41	20060	18.877	ug/l #	74
49) 1,4-Dioxane	9.301	88	6261	406.124	ug/l #	79
51) 4-Methyl-2-Pentanone	10.075	43	126029	104.150	ug/l #	83
52) Toluene	10.246	92	95618	19.483	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	52519	19.321	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	59353	19.289	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	31624	19.749	ug/l	98
56) Ethyl methacrylate	10.514	69	40378	19.331	ug/l #	74
57) 1,3-Dichloropropane	10.794	76	52970	20.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	81301	93.940	ug/l	91
59) 2-Hexanone	10.837	43	86468	102.118	ug/l	79
60) Dibromochloromethane	10.989	129	36877	18.935	ug/l	99
61) 1,2-Dibromoethane	11.093	107	30832	19.332	ug/l	99
64) Tetrachloroethene	10.721	164	34033	18.592	ug/l	94
65) Chlorobenzene	11.520	112	102744	19.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37449	18.892	ug/l	96
67) Ethyl Benzene	11.593	91	182236	19.348	ug/l	98
68) m/p-Xylenes	11.703	106	143579	38.335	ug/l	93
69) o-Xylene	12.032	106	69400	19.353	ug/l	90
70) Styrene	12.050	104	112890	19.230	ug/l	95
71) Bromoform	12.215	173	22478	18.781	ug/l #	96
73) Isopropylbenzene	12.331	105	181785	19.631	ug/l	99
74) N-amyl acetate	12.148	43	40186	19.742	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	37507	20.839	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	26059m	19.055	ug/l	
77) Bromobenzene	12.611	156	41346	19.463	ug/l	96
78) n-propylbenzene	12.672	91	216761	19.845	ug/l	99
79) 2-Chlorotoluene	12.757	91	119769	19.767	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	148019	19.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	12125	19.782	ug/l #	84
82) 4-Chlorotoluene	12.855	91	123285	19.830	ug/l	96
83) tert-Butylbenzene	13.080	119	131063	19.392	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	146777	19.868	ug/l	99
85) sec-Butylbenzene	13.257	105	194556	19.503	ug/l	100
86) p-Isopropyltoluene	13.373	119	159663	19.231	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	81875	19.439	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	81046	19.295	ug/l	98
89) n-Butylbenzene	13.702	91	149016	19.508	ug/l	98
90) Hexachloroethane	13.964	117	28521	17.730	ug/l	82
91) 1,2-Dichlorobenzene	13.745	146	71260	19.217	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5489	19.107	ug/l	81
93) 1,2,4-Trichlorobenzene	15.013	180	40873	18.404	ug/l	98
94) Hexachlorobutadiene	15.117	225	21030	17.899	ug/l	97
95) Naphthalene	15.239	128	90054	18.344	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	34634	18.023	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
Data File : VY008177.D
Acq On : 04 Apr 2022 13:37
Operator : SY/MD
Sample : VY0404SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 04:40:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

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

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

