

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007201.D
 Acq On : 18 Jan 2022 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 00:30:39 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	123353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	195000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75552	49.917	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.840%		
35) Dibromofluoromethane	7.722	113	69912	46.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.185	98	248467	45.345	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.700%		
62) 4-Bromofluorobenzene	12.483	95	87960	45.128	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	19382	44.811	ug/l	93
3) Chloromethane	2.119	50	42127	46.445	ug/l	95
4) Vinyl Chloride	2.265	62	65945	49.953	ug/l	98
5) Bromomethane	2.668	94	45563	53.301	ug/l	99
6) Chloroethane	2.808	64	42568	51.680	ug/l	95
7) Trichlorofluoromethane	3.131	101	63226	44.440	ug/l	95
8) Diethyl Ether	3.533	74	38943	49.707	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.911	101	64129	46.264	ug/l	98
10) Methyl Iodide	4.094	142	103559	50.512	ug/l	98
11) Tert butyl alcohol	4.954	59	29898	231.307	ug/l	100
12) 1,1-Dichloroethene	3.881	96	66633	47.738	ug/l	97
13) Acrolein	3.728	56	5325	166.289	ug/l	92
14) Allyl chloride	4.484	41	113668	50.788	ug/l	96
15) Acrylonitrile	5.167	53	93393	248.038	ug/l	98
16) Acetone	3.948	43	84587	215.341	ug/l	96
17) Carbon Disulfide	4.198	76	184988	47.723	ug/l	98
18) Methyl Acetate	4.478	43	69954	50.050	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	142094	51.709	ug/l	99
20) Methylene Chloride	4.722	84	75991	46.784	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	73695	48.700	ug/l	94
22) Diisopropyl ether	6.118	45	240152	52.965	ug/l	97
23) Vinyl Acetate	6.063	43	667439	250.309	ug/l	96
24) 1,1-Dichloroethane	6.021	63	141025	51.130	ug/l	98
25) 2-Butanone	6.990	43	123581	243.337	ug/l	98
26) 2,2-Dichloropropane	6.984	77	90974	45.258	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	84703	49.344	ug/l	94
28) Bromochloromethane	7.331	49	61378	61.520	ug/l	91
29) Tetrahydrofuran	7.350	42	79844	244.572	ug/l	96
30) Chloroform	7.508	83	150080	52.369	ug/l	99
31) Cyclohexane	7.789	56	114960	44.926	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	124124	50.674	ug/l	99
36) 1,1-Dichloropropene	7.923	75	108580	45.335	ug/l	99
37) Ethyl Acetate	7.075	43	56507	45.973	ug/l	96
38) Carbon Tetrachloride	7.905	117	115194	45.726	ug/l	97
39) Methylcyclohexane	9.185	83	124520	42.582	ug/l	98
40) Benzene	8.161	78	298498	46.723	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007201.D
 Acq On : 18 Jan 2022 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 00:30:39 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	7.325	41	33517m	47.353	ug/l	
42) 1,2-Dichloroethane	8.240	62	97755	48.591	ug/l	98
43) Isopropyl Acetate	8.276	43	110700	46.286	ug/l	98
44) Trichloroethene	8.941	130	77971	45.101	ug/l	87
45) 1,2-Dichloropropane	9.221	63	78022	48.024	ug/l	93
46) Dibromomethane	9.307	93	44040	45.840	ug/l	97
47) Bromodichloromethane	9.502	83	114959	48.674	ug/l	98
48) Methyl methacrylate	9.295	41	51373	47.225	ug/l	96
49) 1,4-Dioxane	9.307	88	9440	911.305	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	282107	232.633	ug/l	96
52) Toluene	10.246	92	190777	47.110	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	116191	46.603	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	128793	46.149	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	60371	46.327	ug/l	97
56) Ethyl methacrylate	10.514	69	84638	46.103	ug/l	92
57) 1,3-Dichloropropane	10.794	76	105971	46.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	188325	225.596	ug/l	98
59) 2-Hexanone	10.837	43	189547	230.316	ug/l	95
60) Dibromochloromethane	10.989	129	74802	46.694	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58636	45.801	ug/l	100
64) Tetrachloroethene	10.721	164	68561	48.779	ug/l	96
65) Chlorobenzene	11.520	112	199762	46.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	75091	47.509	ug/l	100
67) Ethyl Benzene	11.593	91	376043	46.924	ug/l	100
68) m/p-Xylenes	11.709	106	277567	93.203	ug/l	98
69) o-Xylene	12.032	106	131087	46.741	ug/l	97
70) Styrene	12.044	104	224713	47.496	ug/l	99
71) Bromoform	12.209	173	43073	47.113	ug/l #	96
73) Isopropylbenzene	12.331	105	348505	47.002	ug/l	100
74) N-amyl acetate	12.148	43	93876	47.346	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	66588	46.184	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	50432m	51.520	ug/l	
77) Bromobenzene	12.611	156	76895	47.661	ug/l	98
78) n-propylbenzene	12.678	91	430515	46.838	ug/l	99
79) 2-Chlorotoluene	12.757	91	243993	47.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	287173	47.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	23045	43.099	ug/l #	99
82) 4-Chlorotoluene	12.855	91	251692	47.213	ug/l	99
83) tert-Butylbenzene	13.080	119	250397	47.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	283333	46.952	ug/l	100
85) sec-Butylbenzene	13.257	105	365163	46.399	ug/l	99
86) p-Isopropyltoluene	13.373	119	297881	46.059	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	146537	46.403	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	144168	45.401	ug/l	99
89) n-Butylbenzene	13.702	91	285394	44.817	ug/l	99
90) Hexachloroethane	13.964	117	61220	48.419	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	129844	46.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10748	43.161	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	72706	42.551	ug/l	99
94) Hexachlorobutadiene	15.117	225	37917	43.058	ug/l	99
95) Naphthalene	15.239	128	156193	43.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62055	42.569	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007201.D
Acq On : 18 Jan 2022 09:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 00:30:39 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

