

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007612.D
 Acq On : 23 Feb 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 08:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44044	45.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.640%		
35) Dibromofluoromethane	7.716	113	41510	45.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.820%		
50) Toluene-d8	10.179	98	133978	40.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.620%		
62) 4-Bromofluorobenzene	12.477	95	45730	40.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46550	43.084	ug/l	97
3) Chloromethane	2.113	50	49198	46.124	ug/l	92
4) Vinyl Chloride	2.247	62	55256	43.115	ug/l	100
5) Bromomethane	2.650	94	41262	52.947	ug/l	100
6) Chloroethane	2.790	64	35878	44.002	ug/l	97
7) Trichlorofluoromethane	3.125	101	108808	44.014	ug/l	93
8) Diethyl Ether	3.527	74	30575	48.472	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.899	101	50252	47.315	ug/l	96
10) Methyl Iodide	4.088	142	59394	45.821	ug/l	99
11) Tert butyl alcohol	4.960	59	23669	241.816	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	47753	48.393	ug/l #	77
13) Acrolein	3.729	56	27787	222.159	ug/l	99
14) Allyl chloride	4.485	41	46076	50.508	ug/l #	67
15) Acrylonitrile	5.161	53	55549	255.353	ug/l	99
16) Acetone	3.942	43	49098	221.834	ug/l	93
17) Carbon Disulfide	4.192	76	112554	45.896	ug/l	97
18) Methyl Acetate	4.472	43	22340	46.957	ug/l #	70
19) Methyl tert-butyl Ether	5.222	73	129696	48.904	ug/l #	89
20) Methylene Chloride	4.710	84	55331	52.763	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	47311	48.055	ug/l #	73
22) Diisopropyl ether	6.125	45	94735	49.422	ug/l #	90
23) Vinyl Acetate	6.057	43	351534	254.205	ug/l #	79
24) 1,1-Dichloroethane	6.021	63	73810	50.422	ug/l	94
25) 2-Butanone	6.984	43	59595	237.498	ug/l #	69
26) 2,2-Dichloropropane	6.984	77	75748	46.086	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	55139	48.252	ug/l	79
28) Bromochloromethane	7.338	49	24025	48.145	ug/l #	31
29) Tetrahydrofuran	7.344	42	35271	241.519	ug/l #	54
30) Chloroform	7.508	83	90270	48.172	ug/l	99
31) Cyclohexane	7.783	56	51717	50.514	ug/l #	69
32) 1,1,1-Trichloroethane	7.704	97	87611	47.010	ug/l	95
36) 1,1-Dichloropropene	7.917	75	55838	42.859	ug/l	92
37) Ethyl Acetate	7.069	43	26277	44.801	ug/l #	88
38) Carbon Tetrachloride	7.899	117	80193	42.033	ug/l	98
39) Methylcyclohexane	9.179	83	69162	46.388	ug/l #	80
40) Benzene	8.161	78	168437	45.313	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007612.D
 Acq On : 23 Feb 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 08:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	16867m	52.143	ug/l	
42) 1,2-Dichloroethane	8.240	62	57312	42.091	ug/l	95
43) Isopropyl Acetate	8.270	43	53056	44.286	ug/l #	83
44) Trichloroethene	8.941	130	55105	43.688	ug/l	89
45) 1,2-Dichloropropane	9.215	63	36838	46.567	ug/l	98
46) Dibromomethane	9.301	93	29636	43.690	ug/l	98
47) Bromodichloromethane	9.496	83	70839	46.369	ug/l	96
48) Methyl methacrylate	9.295	41	21992	43.529	ug/l #	51
49) 1,4-Dioxane	9.289	88	7385	855.663	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	134074	222.364	ug/l #	85
52) Toluene	10.240	92	109211	43.074	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	65396	42.660	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	70503	43.560	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	38067	43.571	ug/l	96
56) Ethyl methacrylate	10.508	69	47239	45.876	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	59454	44.351	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	120720	240.921	ug/l #	77
59) 2-Hexanone	10.831	43	91983	214.060	ug/l	86
60) Dibromochloromethane	10.983	129	51935	43.949	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36955	42.035	ug/l	99
64) Tetrachloroethene	10.715	164	48256	48.603	ug/l	97
65) Chlorobenzene	11.514	112	128731	45.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	51073	45.937	ug/l	98
67) Ethyl Benzene	11.587	91	214083	45.491	ug/l	100
68) m/p-Xylenes	11.703	106	166576	90.383	ug/l	94
69) o-Xylene	12.026	106	79837	44.046	ug/l	96
70) Styrene	12.038	104	139774	46.098	ug/l	97
71) Bromoform	12.203	173	32213	43.742	ug/l #	99
73) Isopropylbenzene	12.325	105	213981	48.447	ug/l	99
74) N-amyl acetate	12.142	43	43072	50.075	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	39375	49.166	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	27504m	47.959	ug/l	
77) Bromobenzene	12.605	156	52403	45.513	ug/l	83
78) n-propylbenzene	12.666	91	245332	48.094	ug/l	95
79) 2-Chlorotoluene	12.751	91	135663	47.772	ug/l	93
80) 1,3,5-Trimethylbenzene	12.806	105	181448	48.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	13148	49.296	ug/l	91
82) 4-Chlorotoluene	12.849	91	137361	47.431	ug/l	95
83) tert-Butylbenzene	13.068	119	164051	48.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	178088	48.357	ug/l	100
85) sec-Butylbenzene	13.251	105	226977	47.839	ug/l	97
86) p-Isopropyltoluene	13.367	119	192451	47.199	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	99905	46.710	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	96739	46.198	ug/l	99
89) n-Butylbenzene	13.690	91	164205	44.728	ug/l	97
90) Hexachloroethane	13.958	117	39297	47.814	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	91071	46.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7043	43.724	ug/l	71
93) 1,2,4-Trichlorobenzene	15.001	180	55603	41.042	ug/l	98
94) Hexachlorobutadiene	15.111	225	31757	42.247	ug/l	98
95) Naphthalene	15.233	128	124932	42.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48601	41.524	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007612.D
Acq On : 23 Feb 2022 20:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/24/2022
Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 08:26:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
Response via : Initial Calibration

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

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

