

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007760.D
 Acq On : 07 Mar 2022 14:37
 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 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 03:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	326167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	516827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	166575	48.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.715	113	162088	49.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.100%		
50) Toluene-d8	10.178	98	586134	48.190	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.483	95	191717	48.899	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	98402	45.717	ug/l	98
3) Chloromethane	2.113	50	157933	46.737	ug/l	97
4) Vinyl Chloride	2.253	62	216538	44.253	ug/l	98
5) Bromomethane	2.649	94	182442	46.132	ug/l	99
6) Chloroethane	2.796	64	160620	42.803	ug/l	99
7) Trichlorofluoromethane	3.125	101	250103	44.736	ug/l	96
8) Diethyl Ether	3.527	74	84083	46.740	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	158185	46.351	ug/l	95
10) Methyl Iodide	4.088	142	172549	41.556	ug/l	93
11) Tert butyl alcohol	4.960	59	76296	258.073	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	137200	45.298	ug/l	90
13) Acrolein	3.728	56	59076	232.560	ug/l	97
14) Allyl chloride	4.478	41	217304	47.699	ug/l #	89
15) Acrylonitrile	5.155	53	240851	253.642	ug/l	98
16) Acetone	3.942	43	206014	296.577	ug/l	93
17) Carbon Disulfide	4.192	76	341239	46.325	ug/l	99
18) Methyl Acetate	4.478	43	101176	49.752	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	464908	49.456	ug/l	98
20) Methylene Chloride	4.716	84	208264	63.630	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	160786	45.495	ug/l	90
22) Diisopropyl ether	6.118	45	546600	50.224	ug/l	96
23) Vinyl Acetate	6.057	43	1860685	270.349	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	315519	47.981	ug/l	98
25) 2-Butanone	6.984	43	331791	284.732	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	289848	49.529	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	195199	47.102	ug/l	91
28) Bromochloromethane	7.331	49	139297	49.810	ug/l #	91
29) Tetrahydrofuran	7.344	42	208409	261.386	ug/l #	88
30) Chloroform	7.508	83	330138	48.459	ug/l	99
31) Cyclohexane	7.782	56	264426	50.284	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	296638	48.925	ug/l	98
36) 1,1-Dichloropropene	7.917	75	239643	46.104	ug/l	98
37) Ethyl Acetate	7.069	43	144618	50.373	ug/l	96
38) Carbon Tetrachloride	7.898	117	264614	47.724	ug/l	99
39) Methylcyclohexane	9.179	83	293717	45.979	ug/l	92
40) Benzene	8.160	78	682666	47.191	ug/l	98

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41) Methacrylonitrile	7.313	41	74453m	54.269	ug/l	
42) 1,2-Dichloroethane	8.240	62	218536	48.415	ug/l	96
43) Isopropyl Acetate	8.270	43	276987	52.171	ug/l #	94
44) Trichloroethene	8.941	130	182309	45.378	ug/l	95
45) 1,2-Dichloropropane	9.215	63	181271	48.457	ug/l	96
46) Dibromomethane	9.307	93	109398	48.718	ug/l	96
47) Bromodichloromethane	9.496	83	260892	49.535	ug/l	98
48) Methyl methacrylate	9.294	41	117599	51.101	ug/l #	84
49) 1,4-Dioxane	9.294	88	29216	1077.703	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	758705	267.075	ug/l	92
52) Toluene	10.245	92	442742	47.335	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	270717	50.064	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	298007	49.882	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	152567	49.942	ug/l	98
56) Ethyl methacrylate	10.508	69	211595	52.171	ug/l	86
57) 1,3-Dichloropropane	10.788	76	256583	49.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	581422	262.864	ug/l	99
59) 2-Hexanone	10.831	43	542909	283.791	ug/l	91
60) Dibromochloromethane	10.983	129	186688	51.322	ug/l	99
61) 1,2-Dibromoethane	11.087	107	142740	49.021	ug/l	99
64) Tetrachloroethene	10.721	164	155555	45.604	ug/l	98
65) Chlorobenzene	11.514	112	481669	48.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	185854	49.573	ug/l	98
67) Ethyl Benzene	11.593	91	885475	48.976	ug/l	100
68) m/p-Xylenes	11.703	106	681241	98.202	ug/l	94
69) o-Xylene	12.032	106	326197	49.621	ug/l	92
70) Styrene	12.044	104	552422	50.187	ug/l	96
71) Bromoform	12.209	173	117973	50.537	ug/l #	99
73) Isopropylbenzene	12.330	105	885656	48.261	ug/l	100
74) N-amyl acetate	12.141	43	258029	52.820	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	192251	49.950	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	140761m	53.509	ug/l	
77) Bromobenzene	12.605	156	198220	46.894	ug/l	97
78) n-propylbenzene	12.672	91	1068086	48.233	ug/l	100
79) 2-Chlorotoluene	12.757	91	574276	48.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	716525	48.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	64432	50.073	ug/l	92
82) 4-Chlorotoluene	12.855	91	600324	49.254	ug/l	98
83) tert-Butylbenzene	13.074	119	649016	48.085	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	711516	49.227	ug/l	98
85) sec-Butylbenzene	13.251	105	981529	49.159	ug/l	100
86) p-Isopropyltoluene	13.367	119	818009	49.604	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	403260	47.942	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	397282	47.856	ug/l	99
89) n-Butylbenzene	13.696	91	779685	50.025	ug/l	99
90) Hexachloroethane	13.958	117	155365	49.703	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	363457	48.663	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	28656	49.162	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	227655	48.146	ug/l	99
94) Hexachlorobutadiene	15.110	225	129073	46.170	ug/l	99
95) Naphthalene	15.238	128	473558	49.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	198043	46.994	ug/l	100

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

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