

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008172.D
 Acq On : 01 Apr 2022 19:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 03:59:43 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 04/02/2022

Supervised By :Mahesh
 Dadoda
 04/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71436	50.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.200%			
35) Dibromofluoromethane	7.716	113	77671	50.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.940%			
50) Toluene-d8	10.179	98	283369	49.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.483	95	100690	49.711	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54138	42.678	ug/l	100
3) Chloromethane	2.113	50	71963	46.587	ug/l	93
4) Vinyl Chloride	2.253	62	97008	47.200	ug/l	99
5) Bromomethane	2.650	94	85651	50.851	ug/l	99
6) Chloroethane	2.796	64	67066	49.607	ug/l	98
7) Trichlorofluoromethane	3.125	101	116094	44.654	ug/l	95
8) Diethyl Ether	3.528	74	41995	49.879	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.900	101	74328	46.088	ug/l	93
10) Methyl Iodide	4.088	142	72280	38.766	ug/l	89
11) Tert butyl alcohol	4.948	59	35578	242.886	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	69146	46.313	ug/l #	80
13) Acrolein	3.729	56	25801	216.404	ug/l	95
14) Allyl chloride	4.479	41	93348	47.521	ug/l #	90
15) Acrylonitrile	5.161	53	104574	260.759	ug/l	97
16) Acetone	3.942	43	71340	221.072	ug/l #	85
17) Carbon Disulfide	4.192	76	187993	44.438	ug/l	100
18) Methyl Acetate	4.473	43	43103	50.997	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	213327	50.278	ug/l	92
20) Methylene Chloride	4.716	84	84146	51.382	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	84499	48.879	ug/l #	81
22) Diisopropyl ether	6.119	45	215208	50.923	ug/l #	90
23) Vinyl Acetate	6.058	43	718135	274.240	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	139993	50.036	ug/l	96
25) 2-Butanone	6.984	43	122631	249.718	ug/l #	77
26) 2,2-Dichloropropane	6.978	77	126351	47.686	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	101812	50.809	ug/l	80
28) Bromochloromethane	7.332	49	37965	51.708	ug/l #	67
29) Tetrahydrofuran	7.344	42	82548	258.557	ug/l #	72
30) Chloroform	7.503	83	154660	51.051	ug/l	98
31) Cyclohexane	7.783	56	115864	43.905	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	139767	49.932	ug/l	94
36) 1,1-Dichloropropene	7.917	75	113992	47.621	ug/l	96
37) Ethyl Acetate	7.076	43	56936	50.916	ug/l #	91
38) Carbon Tetrachloride	7.899	117	124137	47.587	ug/l	97
39) Methylcyclohexane	9.179	83	145208	44.942	ug/l #	84
40) Benzene	8.161	78	339468	49.578	ug/l	96

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41) Methacrylonitrile	7.307	41	25045m	44.604	ug/l	
42) 1,2-Dichloroethane	8.234	62	95935	49.946	ug/l	90
43) Isopropyl Acetate	8.271	43	108070	49.230	ug/l #	84
44) Trichloroethene	8.941	130	96197	48.584	ug/l	98
45) 1,2-Dichloropropane	9.216	63	81040	50.220	ug/l	91
46) Dibromomethane	9.301	93	53136	50.078	ug/l	95
47) Bromodichloromethane	9.496	83	122017	50.289	ug/l	97
48) Methyl methacrylate	9.289	41	45643	46.944	ug/l #	69
49) 1,4-Dioxane	9.295	88	14551	1031.585	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	284247	256.734	ug/l #	83
52) Toluene	10.240	92	226154	50.363	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	124778	50.170	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	141389	50.219	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	75518	51.544	ug/l	97
56) Ethyl methacrylate	10.508	69	97808	51.177	ug/l #	73
57) 1,3-Dichloropropane	10.789	76	122714	51.175	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	179708	226.945	ug/l #	88
59) 2-Hexanone	10.831	43	194803	251.444	ug/l	79
60) Dibromochloromethane	10.984	129	92328	51.814	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75690	51.871	ug/l	99
64) Tetrachloroethene	10.715	164	79118	46.214	ug/l	98
65) Chlorobenzene	11.514	112	251021	49.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	94672	51.067	ug/l	98
67) Ethyl Benzene	11.593	91	435184	49.403	ug/l	96
68) m/p-Xylenes	11.703	106	353381	100.887	ug/l	89
69) o-Xylene	12.026	106	168099	50.123	ug/l	90
70) Styrene	12.044	104	282881	51.525	ug/l	94
71) Bromoform	12.209	173	56927	50.858	ug/l #	100
73) Isopropylbenzene	12.331	105	442306	48.301	ug/l	99
74) N-amyl acetate	12.142	43	96165	47.773	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	90409	50.795	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	65960m	48.773	ug/l	
77) Bromobenzene	12.611	156	103215	49.131	ug/l	91
78) n-propylbenzene	12.672	91	515717	47.746	ug/l	96
79) 2-Chlorotoluene	12.758	91	290088	48.414	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	363364	48.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29525	48.710	ug/l #	82
82) 4-Chlorotoluene	12.855	91	299329	48.687	ug/l	95
83) tert-Butylbenzene	13.075	119	328480	49.148	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	357045	48.874	ug/l	96
85) sec-Butylbenzene	13.251	105	478575	48.512	ug/l	97
86) p-Isopropyltoluene	13.367	119	401205	48.867	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	209857	50.386	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	203645	49.028	ug/l	99
89) n-Butylbenzene	13.697	91	354779	46.967	ug/l	98
90) Hexachloroethane	13.965	117	76394	48.023	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	184061	50.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13542	47.670	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	100857	45.922	ug/l	99
94) Hexachlorobutadiene	15.111	225	50532	43.492	ug/l	98
95) Naphthalene	15.239	128	223290	45.995	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	85918	45.212	ug/l	97

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

