

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006747.D
 Acq On : 15 Nov 2021 21:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 16 04:23:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	118194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80198	51.772	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.540%			
35) Dibromofluoromethane	7.728	113	57910	49.838	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.680%			
50) Toluene-d8	10.185	98	231212	48.086	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.483	95	82275	50.756	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	59171	52.130	ug/l	98
3) Chloromethane	2.119	50	92358	54.087	ug/l	99
4) Vinyl Chloride	2.259	62	91362	52.699	ug/l	99
5) Bromomethane	2.656	94	52035	56.329	ug/l	94
6) Chloroethane	2.802	64	52679	49.669	ug/l	94
7) Trichlorofluoromethane	3.137	101	116114	53.443	ug/l	96
8) Diethyl Ether	3.540	74	38812	53.638	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.918	101	56242	48.741	ug/l	98
10) Methyl Iodide	4.107	142	79596	55.184	ug/l	98
11) Tert butyl alcohol	4.960	59	42438	182.167	ug/l	95
12) 1,1-Dichloroethene	3.887	96	57602	50.333	ug/l	92
13) Acrolein	3.741	56	8714	267.389	ug/l	94
14) Allyl chloride	4.497	41	127682	49.532	ug/l	99
15) Acrylonitrile	5.180	53	115634	277.059	ug/l	98
16) Acetone	3.954	43	106898	227.128	ug/l	96
17) Carbon Disulfide	4.210	76	200022	49.515	ug/l	99
18) Methyl Acetate	4.491	43	85461	56.093	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	195500	54.195	ug/l	98
20) Methylene Chloride	4.735	84	70556	50.266	ug/l	94
21) trans-1,2-Dichloroethene	5.241	96	66135	50.585	ug/l	96
22) Diisopropyl ether	6.131	45	271692	53.418	ug/l	97
23) Vinyl Acetate	6.076	43	848881	276.395	ug/l	97
24) 1,1-Dichloroethane	6.033	63	133216	51.315	ug/l	97
25) 2-Butanone	6.996	43	165683	242.464	ug/l	98
26) 2,2-Dichloropropane	6.996	77	112681	48.035	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	75349	51.029	ug/l	95
28) Bromochloromethane	7.350	49	66113	54.140	ug/l	88
29) Tetrahydrofuran	7.356	42	112073	286.940	ug/l	93
30) Chloroform	7.521	83	126522	50.696	ug/l	96
31) Cyclohexane	7.795	56	130142	47.799	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	113972	49.553	ug/l	98
36) 1,1-Dichloropropene	7.929	75	99942	48.606	ug/l	99
37) Ethyl Acetate	7.082	43	75879	55.195	ug/l	99
38) Carbon Tetrachloride	7.911	117	101645	48.330	ug/l	99
39) Methylcyclohexane	9.191	83	121089	48.287	ug/l	98
40) Benzene	8.173	78	288043	49.762	ug/l	100

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41) Methacrylonitrile	7.356	41	58858m	50.990	ug/l	
42) 1,2-Dichloroethane	8.246	62	99622	51.659	ug/l	99
43) Isopropyl Acetate	8.283	43	141579	54.901	ug/l	98
44) Trichloroethene	8.947	130	68645	48.748	ug/l	97
45) 1,2-Dichloropropane	9.222	63	75148	50.318	ug/l	100
46) Dibromomethane	9.313	93	40393	51.929	ug/l	97
47) Bromodichloromethane	9.508	83	100828	51.043	ug/l	99
48) Methyl methacrylate	9.301	41	64409	52.716	ug/l	97
49) 1,4-Dioxane	9.307	88	9379	1050.821	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	300828	221.462	ug/l	98
52) Toluene	10.252	92	168349	47.895	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	102420	47.700	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	110511	45.891	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	50959	49.073	ug/l	97
56) Ethyl methacrylate	10.514	69	79793	49.435	ug/l	94
57) 1,3-Dichloropropane	10.794	76	92034	48.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	248169	280.822	ug/l	96
59) 2-Hexanone	10.837	43	208499	213.064	ug/l	98
60) Dibromochloromethane	10.990	129	65316	51.313	ug/l	99
61) 1,2-Dibromoethane	11.093	107	51579	53.612	ug/l	98
64) Tetrachloroethene	10.727	164	64896	49.877	ug/l	98
65) Chlorobenzene	11.520	112	177640	49.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	66028	48.740	ug/l	98
67) Ethyl Benzene	11.599	91	346337	50.440	ug/l	100
68) m/p-Xylenes	11.709	106	257474	98.392	ug/l	100
69) o-Xylene	12.032	106	122465	49.401	ug/l	99
70) Styrene	12.050	104	209641	50.073	ug/l	99
71) Bromoform	12.215	173	42661	52.028	ug/l #	98
73) Isopropylbenzene	12.337	105	323761	49.135	ug/l	99
74) N-amyl acetate	12.148	43	127336	53.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	67399	55.284	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51733m	54.992	ug/l	
77) Bromobenzene	12.611	156	73963	49.288	ug/l	93
78) n-propylbenzene	12.678	91	407328	50.708	ug/l	98
79) 2-Chlorotoluene	12.757	91	224847	51.151	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	272681	50.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	25756	54.250	ug/l	98
82) 4-Chlorotoluene	12.861	91	234437	51.020	ug/l	97
83) tert-Butylbenzene	13.081	119	235069	50.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	270802	50.224	ug/l	98
85) sec-Butylbenzene	13.257	105	352264	50.431	ug/l	99
86) p-Isopropyltoluene	13.373	119	287575	48.633	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	146274	48.945	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	143933	48.805	ug/l	99
89) n-Butylbenzene	13.702	91	284722	51.029	ug/l	99
90) Hexachloroethane	13.965	117	52416	49.187	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	128247	49.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11803	54.769	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	81329	48.267	ug/l	100
94) Hexachlorobutadiene	15.117	225	52444	47.701	ug/l	99
95) Naphthalene	15.239	128	165866	53.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70907	50.501	ug/l	99

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

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