

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013531.D
 Acq On : 01 May 2023 11:15
 Operator : KP/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 :Krupa Patel 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:45:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	471367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	421342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166315	48.550	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.100%		
35) Dibromofluoromethane	7.716	113	148928	50.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.460%		
50) Toluene-d8	10.179	98	520499	49.352	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.700%		
62) 4-Bromofluorobenzene	12.483	95	183987	51.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	164018	55.210	ug/l	100
3) Chloromethane	2.113	50	191897	48.189	ug/l	99
4) Vinyl Chloride	2.253	62	192082	48.444	ug/l	99
5) Bromomethane	2.656	94	137319	43.460	ug/l	98
6) Chloroethane	2.796	64	124389	45.411	ug/l	98
7) Trichlorofluoromethane	3.125	101	312939	52.099	ug/l	100
8) Diethyl Ether	3.528	74	100671	49.217	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	169308	50.252	ug/l	98
10) Methyl Iodide	4.088	142	214432	50.673	ug/l	99
11) Tert butyl alcohol	4.991	59	79200	205.383	ug/l	99
12) 1,1-Dichloroethene	3.869	96	160425	49.397	ug/l	94
13) Acrolein	3.729	56	58592	193.764	ug/l	93
14) Allyl chloride	4.479	41	296757	49.245	ug/l	97
15) Acrylonitrile	5.161	53	278945	243.507	ug/l	99
16) Acetone	3.954	43	383161	284.025	ug/l	97
17) Carbon Disulfide	4.192	76	510459	48.387	ug/l	100
18) Methyl Acetate	4.479	43	206835	46.421	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	478388	51.022	ug/l	99
20) Methylene Chloride	4.716	84	206957	48.771	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	183752	51.748	ug/l	97
22) Diisopropyl ether	6.119	45	617525	52.428	ug/l	98
23) Vinyl Acetate	6.058	43	1711561m	256.648	ug/l	
24) 1,1-Dichloroethane	6.015	63	338023	51.492	ug/l	97
25) 2-Butanone	6.984	43	443047	258.959	ug/l	93
26) 2,2-Dichloropropane	6.978	77	301823	53.357	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	205169	52.294	ug/l	96
28) Bromochloromethane	7.332	49	112937	48.481	ug/l	84
29) Tetrahydrofuran	7.350	42	248720	233.543	ug/l	93
30) Chloroform	7.509	83	350628	53.721	ug/l	99
31) Cyclohexane	7.783	56	288411	47.024	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	311303	53.450	ug/l	99
36) 1,1-Dichloropropene	7.917	75	261190	53.084	ug/l	98
37) Ethyl Acetate	7.070	43	181091	48.908	ug/l	98
38) Carbon Tetrachloride	7.899	117	286677	55.589	ug/l	94
39) Methylcyclohexane	9.185	83	304372	52.473	ug/l	96
40) Benzene	8.161	78	751491	54.221	ug/l	99

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41) Methacrylonitrile	7.301	41	87782	50.875	ug/l	95
42) 1,2-Dichloroethane	8.234	62	246742	54.453	ug/l	99
43) Isopropyl Acetate	8.271	43	306661	49.068	ug/l	98
44) Trichloroethene	8.941	130	199573	54.133	ug/l	100
45) 1,2-Dichloropropane	9.216	63	197057	54.377	ug/l	100
46) Dibromomethane	9.307	93	115893	53.449	ug/l	96
47) Bromodichloromethane	9.496	83	269474	55.540	ug/l	98
48) Methyl methacrylate	9.289	41	147576	51.415	ug/l	93
49) 1,4-Dioxane	9.313	88	31240	1008.787	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	879968	252.672	ug/l	96
52) Toluene	10.246	92	462516	55.454	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	281794	54.878	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	312586	54.100	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	153861	53.583	ug/l	95
56) Ethyl methacrylate	10.508	69	218159	54.763	ug/l	93
57) 1,3-Dichloropropane	10.788	76	263304	54.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	355984	238.302	ug/l	95
59) 2-Hexanone	10.831	43	688091	271.800	ug/l	97
60) Dibromochloromethane	10.983	129	193368	55.460	ug/l	99
61) 1,2-Dibromoethane	11.087	107	149552	52.974	ug/l	99
64) Tetrachloroethene	10.721	164	171503	53.529	ug/l	98
65) Chlorobenzene	11.514	112	490917	53.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	189287	55.142	ug/l	99
67) Ethyl Benzene	11.593	91	887631	55.073	ug/l	100
68) m/p-Xylenes	11.703	106	678272	110.701	ug/l	98
69) o-Xylene	12.032	106	318814	55.019	ug/l	97
70) Styrene	12.044	104	546017	56.355	ug/l	100
71) Bromoform	12.209	173	130665	54.343	ug/l #	100
73) Isopropylbenzene	12.331	105	843399	53.748	ug/l	99
74) N-amyl acetate	12.142	43	281126	50.345	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	189474	49.400	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	122454m	43.767	ug/l	
77) Bromobenzene	12.611	156	208998	54.968	ug/l	96
78) n-propylbenzene	12.672	91	1043814	54.006	ug/l	98
79) 2-Chlorotoluene	12.758	91	577208	53.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	701587	54.779	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	68150	49.825	ug/l	93
82) 4-Chlorotoluene	12.855	91	602263	53.536	ug/l	98
83) tert-Butylbenzene	13.075	119	595375	53.657	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	692437	55.609	ug/l	100
85) sec-Butylbenzene	13.257	105	899145	53.993	ug/l	99
86) p-Isopropyltoluene	13.373	119	743121	55.490	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	398105	54.958	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	395356	54.030	ug/l	100
89) n-Butylbenzene	13.696	91	715701	54.756	ug/l	99
90) Hexachloroethane	13.965	117	149930	53.194	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	364291	55.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34329	50.678	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	232406	59.592	ug/l	98
94) Hexachlorobutadiene	15.117	225	142585	62.820	ug/l	99
95) Naphthalene	15.239	128	492568	58.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	214003	61.566	ug/l	99

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

