

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013239.D
 Acq On : 11 Apr 2023 13:07
 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 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 15:37:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 15:18:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50849	45.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.716	113	45101	50.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.020%		
50) Toluene-d8	10.179	98	163681	52.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.700%		
62) 4-Bromofluorobenzene	12.483	95	57353	51.371	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30277	44.043	ug/l	98
3) Chloromethane	2.113	50	35652	47.456	ug/l	97
4) Vinyl Chloride	2.253	62	35761	42.424	ug/l	98
5) Bromomethane	2.656	94	27690	48.910	ug/l	89
6) Chloroethane	2.796	64	26451	42.911	ug/l	99
7) Trichlorofluoromethane	3.125	101	64776	47.463	ug/l	100
8) Diethyl Ether	3.527	74	24229	46.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	40219	48.327	ug/l	97
10) Methyl Iodide	4.088	142	43747	43.615	ug/l	95
11) Tert butyl alcohol	4.960	59	36839m	192.194	ug/l	
12) 1,1-Dichloroethene	3.875	96	34221	47.200	ug/l	93
13) Acrolein	3.729	56	22693	208.728	ug/l	99
14) Allyl chloride	4.479	41	74224	48.181	ug/l	94
15) Acrylonitrile	5.161	53	77611	217.958	ug/l	98
16) Acetone	3.954	43	101977	226.453	ug/l	95
17) Carbon Disulfide	4.198	76	72210	45.760	ug/l	98
18) Methyl Acetate	4.479	43	55926	41.828	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	131260	47.533	ug/l	99
20) Methylene Chloride	4.716	84	52909	49.808	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	39687	46.663	ug/l	93
22) Diisopropyl ether	6.119	45	174284	51.085	ug/l	95
23) Vinyl Acetate	6.058	43	525495	245.357	ug/l	99
24) 1,1-Dichloroethane	6.015	63	87375	49.615	ug/l	98
25) 2-Butanone	6.990	43	125697	215.970	ug/l	94
26) 2,2-Dichloropropane	6.978	77	79055	47.543	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	50311	49.030	ug/l	94
28) Bromochloromethane	7.332	49	41501	49.916	ug/l	94
29) Tetrahydrofuran	7.350	42	73000	215.086	ug/l	96
30) Chloroform	7.502	83	91272	49.669	ug/l	99
31) Cyclohexane	7.783	56	59921	42.592	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	78777	48.926	ug/l	97
36) 1,1-Dichloropropene	7.917	75	60896	49.584	ug/l	99
37) Ethyl Acetate	7.076	43	52382	46.077	ug/l	97
38) Carbon Tetrachloride	7.899	117	71226	49.809	ug/l	100
39) Methylcyclohexane	9.185	83	64358	49.867	ug/l	98
40) Benzene	8.161	78	183731	50.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26172	45.804	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	65128	49.002	ug/l	96
43) Isopropyl Acetate	8.271	43	93114	46.888	ug/l	97
44) Trichloroethene	8.941	130	47657	50.470	ug/l	99
45) 1,2-Dichloropropane	9.216	63	52096	52.877	ug/l	99
46) Dibromomethane	9.301	93	29842	49.764	ug/l	97
47) Bromodichloromethane	9.496	83	73130	50.505	ug/l	99
48) Methyl methacrylate	9.295	41	42838	49.124	ug/l	92
49) 1,4-Dioxane	9.301	88	8014	939.504	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	269313	239.144	ug/l	96
52) Toluene	10.240	92	117212	51.668	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	76435	50.377	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	83157	51.106	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	42614	50.245	ug/l	98
56) Ethyl methacrylate	10.508	69	60893	51.387	ug/l	94
57) 1,3-Dichloropropane	10.788	76	71336	49.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	127632	237.471	ug/l	96
59) 2-Hexanone	10.831	43	201842	243.036	ug/l	96
60) Dibromochloromethane	10.983	129	54112	51.273	ug/l	100
61) 1,2-Dibromoethane	11.087	107	39460	48.741	ug/l	100
64) Tetrachloroethene	10.721	164	40307	48.096	ug/l	98
65) Chlorobenzene	11.514	112	132591	51.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52023	50.566	ug/l	98
67) Ethyl Benzene	11.593	91	237270	52.844	ug/l	100
68) m/p-Xylenes	11.703	106	180722	105.779	ug/l	98
69) o-Xylene	12.026	106	87192	53.691	ug/l	100
70) Styrene	12.044	104	149265	53.898	ug/l	98
71) Bromoform	12.209	173	36586	49.555	ug/l #	98
73) Isopropylbenzene	12.331	105	235676	55.599	ug/l	99
74) N-amyl acetate	12.142	43	85111	52.492	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	56649	49.995	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	43715m	53.185	ug/l	
77) Bromobenzene	12.611	156	56270	52.173	ug/l	98
78) n-propylbenzene	12.672	91	290876	55.746	ug/l	99
79) 2-Chlorotoluene	12.758	91	161646	54.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	198624	56.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20440	51.284	ug/l	95
82) 4-Chlorotoluene	12.855	91	169292	54.567	ug/l	99
83) tert-Butylbenzene	13.075	119	173134	55.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	192485	55.220	ug/l	99
85) sec-Butylbenzene	13.251	105	258080	56.028	ug/l	99
86) p-Isopropyltoluene	13.367	119	214630	55.588	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	111515	52.801	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	109469	50.830	ug/l	97
89) n-Butylbenzene	13.696	91	203901	56.340	ug/l	98
90) Hexachloroethane	13.965	117	42537	51.964	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	101076	51.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9761	45.206	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	60860	50.688	ug/l	99
94) Hexachlorobutadiene	15.111	225	36284	51.178	ug/l	99
95) Naphthalene	15.239	128	132415	48.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55551	49.566	ug/l	99

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

