

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014350.D
 Acq On : 21 Jun 2023 20:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:59:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	235131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136458	41.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.360%		
35) Dibromofluoromethane	7.722	113	109181	41.428	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.860%		
50) Toluene-d8	10.185	98	401978	40.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	81.600%		
62) 4-Bromofluorobenzene	12.483	95	147779	42.222	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	91031	34.738	ug/l	100
3) Chloromethane	2.113	50	96735	29.113	ug/l	100
4) Vinyl Chloride	2.253	62	102458	31.716	ug/l	97
5) Bromomethane	2.650	94	85333	32.015	ug/l	100
6) Chloroethane	2.796	64	70493	32.113	ug/l	95
7) Trichlorofluoromethane	3.131	101	203812	38.835	ug/l	98
8) Diethyl Ether	3.534	74	68531	39.107	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	103657	39.135	ug/l	99
10) Methyl Iodide	4.094	142	98684	28.216	ug/l	97
11) Tert butyl alcohol	4.960	59	105190	279.965	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	95332	35.510	ug/l	92
14) Allyl chloride	4.485	41	167817	34.485	ug/l	99
15) Acrylonitrile	5.167	53	224094	247.920	ug/l	100
16) Acetone	3.954	43	194163	196.729	ug/l	100
17) Carbon Disulfide	4.198	76	256790	29.518	ug/l	99
18) Methyl Acetate	4.485	43	256897	67.060	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	350909	44.318	ug/l	97
20) Methylene Chloride	4.722	84	121629	37.721	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	111502	37.237	ug/l	99
22) Diisopropyl ether	6.125	45	385893	41.416	ug/l	93
23) Vinyl Acetate	6.064	43	870737	158.388	ug/l	98
24) 1,1-Dichloroethane	6.021	63	215466	40.108	ug/l	100
25) 2-Butanone	6.990	43	299190	246.267	ug/l	99
26) 2,2-Dichloropropane	6.984	77	146182	28.972	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	136104	40.632	ug/l	96
28) Bromochloromethane	7.344	49	58591	26.819	ug/l	93
29) Tetrahydrofuran	7.350	42	202083	262.315	ug/l	97
30) Chloroform	7.515	83	243361	42.700	ug/l	97
31) Cyclohexane	7.789	56	160392	36.568	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	217633	42.339	ug/l	99
36) 1,1-Dichloropropene	7.923	75	158088	38.476	ug/l	99
37) Ethyl Acetate	7.082	43	118831	41.916	ug/l	99
38) Carbon Tetrachloride	7.905	117	199634	42.104	ug/l	99
39) Methylcyclohexane	9.185	83	172787	37.903	ug/l	100
40) Benzene	8.167	78	481499	39.410	ug/l	98
41) Methacrylonitrile	7.313	41	59633m	41.216	ug/l	

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42) 1,2-Dichloroethane	8.240	62	179372	41.517	ug/l	100
43) Isopropyl Acetate	8.277	43	216018	43.475	ug/l	98
44) Trichloroethene	8.947	130	130377	39.941	ug/l	92
45) 1,2-Dichloropropane	9.215	63	124884	40.242	ug/l	99
46) Dibromomethane	9.307	93	81093	42.451	ug/l	98
47) Bromodichloromethane	9.502	83	192335	43.002	ug/l	98
48) Methyl methacrylate	9.295	41	109467	47.235	ug/l	97
49) 1,4-Dioxane	9.301	88	26220	1080.227	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	686479	254.300	ug/l	98
52) Toluene	10.246	92	310313	40.972	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	179201	38.059	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	189625	36.912	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	113927	44.965	ug/l	96
56) Ethyl methacrylate	10.514	69	160125	45.818	ug/l	96
57) 1,3-Dichloropropane	10.794	76	188873	43.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	288829	192.401	ug/l	96
59) 2-Hexanone	10.831	43	470125	241.124	ug/l	99
60) Dibromochloromethane	10.990	129	144225	44.474	ug/l	99
61) 1,2-Dibromoethane	11.093	107	109354	43.732	ug/l	100
64) Tetrachloroethene	10.721	164	145193	49.112	ug/l	96
65) Chlorobenzene	11.520	112	338459	40.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	140798	42.953	ug/l	99
67) Ethyl Benzene	11.593	91	607172	41.622	ug/l	98
68) m/p-Xylenes	11.703	106	465344	82.934	ug/l	98
69) o-Xylene	12.032	106	225295	42.469	ug/l	100
70) Styrene	12.044	104	392557	43.357	ug/l	99
71) Bromoform	12.209	173	107913	48.070	ug/l	99
73) Isopropylbenzene	12.331	105	598498	43.734	ug/l	100
74) N-amyl acetate	12.148	43	137081	31.609	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	145500	47.582	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	102398m	43.508	ug/l	
77) Bromobenzene	12.611	156	154719	43.015	ug/l	98
78) n-propylbenzene	12.672	91	725236	43.388	ug/l	100
79) 2-Chlorotoluene	12.758	91	417350	43.393	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	513025	43.782	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	40979	37.637	ug/l	98
82) 4-Chlorotoluene	12.855	91	434673	42.648	ug/l	99
83) tert-Butylbenzene	13.075	119	453144	45.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	509681	43.941	ug/l	100
85) sec-Butylbenzene	13.257	105	655715	45.293	ug/l	100
86) p-Isopropyltoluene	13.373	119	515944	41.642	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	294934	42.947	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	293802	42.462	ug/l	100
89) n-Butylbenzene	13.696	91	485992	42.290	ug/l	99
90) Hexachloroethane	13.965	117	110473	44.745	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	278292	45.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29656	50.928	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	165638	42.392	ug/l	99
94) Hexachlorobutadiene	15.111	225	96766	42.897	ug/l	99
95) Naphthalene	15.239	128	391373	49.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	155497	44.041	ug/l	99

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

