

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014048.D
 Acq On : 07 Jun 2023 10:01
 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 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 02:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146599	47.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.320%		
35) Dibromofluoromethane	7.716	113	122112	55.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.360%		
50) Toluene-d8	10.179	98	450237	53.335	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.660%		
62) 4-Bromofluorobenzene	12.483	95	160506	55.771	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102284	50.031	ug/l	95
3) Chloromethane	2.113	50	123813	43.726	ug/l	100
4) Vinyl Chloride	2.253	62	123919	47.241	ug/l	98
5) Bromomethane	2.656	94	93055	40.740	ug/l	97
6) Chloroethane	2.796	64	83404	44.428	ug/l	96
7) Trichlorofluoromethane	3.125	101	224035	54.027	ug/l	97
8) Diethyl Ether	3.527	74	73447	45.179	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	122014	57.278	ug/l	98
10) Methyl Iodide	4.088	142	138850	47.295	ug/l	98
11) Tert butyl alcohol	4.960	59	83646	132.322	ug/l #	98
12) 1,1-Dichloroethene	3.875	96	112853	50.527	ug/l	95
13) Acrolein	3.729	56	43430	150.026	ug/l	96
14) Allyl chloride	4.478	41	209188	48.261	ug/l	98
15) Acrylonitrile	5.161	53	218626	242.346	ug/l	99
16) Acetone	3.948	43	260246	247.304	ug/l	98
17) Carbon Disulfide	4.192	76	300651	39.808	ug/l	98
18) Methyl Acetate	4.478	43	170512	44.848	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	368660	51.017	ug/l	97
20) Methylene Chloride	4.716	84	140763	49.405	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	129778	51.298	ug/l	98
22) Diisopropyl ether	6.118	45	470940	56.051	ug/l	94
23) Vinyl Acetate	6.057	43	1366002	259.209	ug/l	100
24) 1,1-Dichloroethane	6.015	63	252819	53.909	ug/l	98
25) 2-Butanone	6.984	43	316381	241.330	ug/l	97
26) 2,2-Dichloropropane	6.978	77	232087	54.531	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	153057	52.842	ug/l	100
28) Bromochloromethane	7.332	49	104942	47.382	ug/l	99
29) Tetrahydrofuran	7.344	42	181325	222.418	ug/l	99
30) Chloroform	7.502	83	259784	52.759	ug/l	95
31) Cyclohexane	7.783	56	174821	47.202	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	228087	54.610	ug/l	99
36) 1,1-Dichloropropene	7.917	75	175384	55.625	ug/l	100
37) Ethyl Acetate	7.069	43	130685	47.540	ug/l	100
38) Carbon Tetrachloride	7.899	117	210214	59.497	ug/l	98
39) Methylcyclohexane	9.185	83	190428	56.573	ug/l	99
40) Benzene	8.161	78	527982	54.283	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	68213m	53.688	ug/l	
42) 1,2-Dichloroethane	8.234	62	188332	52.805	ug/l	99
43) Isopropyl Acetate	8.270	43	225495	48.716	ug/l	98
44) Trichloroethene	8.935	130	139325	54.700	ug/l	100
45) 1,2-Dichloropropane	9.215	63	138719	55.266	ug/l	94
46) Dibromomethane	9.307	93	85571	53.252	ug/l	97
47) Bromodichloromethane	9.496	83	206072	56.928	ug/l	99
48) Methyl methacrylate	9.295	41	105292	49.977	ug/l	99
49) 1,4-Dioxane	9.307	88	22770	974.386	ug/l #	44
51) 4-Methyl-2-Pentanone	10.069	43	656539	251.121	ug/l	99
52) Toluene	10.246	92	331936	55.708	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	211587	54.415	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	227436	54.784	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	118608	55.987	ug/l	93
56) Ethyl methacrylate	10.508	69	160651	52.816	ug/l	98
57) 1,3-Dichloropropane	10.788	76	195892	54.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	369958	247.460	ug/l	99
59) 2-Hexanone	10.831	43	492382	260.090	ug/l	99
60) Dibromochloromethane	10.983	129	149332	55.772	ug/l	99
61) 1,2-Dibromoethane	11.087	107	110337	51.838	ug/l	100
64) Tetrachloroethene	10.721	164	124201	55.950	ug/l	98
65) Chlorobenzene	11.514	112	366087	55.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	148954	57.557	ug/l	99
67) Ethyl Benzene	11.593	91	658510	57.229	ug/l	100
68) m/p-Xylenes	11.703	106	503255	114.497	ug/l	99
69) o-Xylene	12.032	106	239753	56.926	ug/l	100
70) Styrene	12.044	104	417986	57.780	ug/l	100
71) Bromoform	12.209	173	104099	54.562	ug/l #	99
73) Isopropylbenzene	12.331	105	640007	56.289	ug/l	99
74) N-amyl acetate	12.142	43	210769	48.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	146886	49.429	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	112882m	48.695	ug/l	
77) Bromobenzene	12.611	156	163660	53.246	ug/l	97
78) n-propylbenzene	12.672	91	796033	57.125	ug/l	99
79) 2-Chlorotoluene	12.757	91	444952	53.936	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	547533	56.186	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	52363	47.921	ug/l	100
82) 4-Chlorotoluene	12.855	91	474324	54.670	ug/l	99
83) tert-Butylbenzene	13.074	119	460515	56.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	545155	56.009	ug/l	100
85) sec-Butylbenzene	13.251	105	695498	58.609	ug/l	99
86) p-Isopropyltoluene	13.367	119	585723	58.474	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	313519	53.711	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	309458	52.409	ug/l	99
89) n-Butylbenzene	13.696	91	554368	58.655	ug/l	100
90) Hexachloroethane	13.958	117	116652	55.488	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	287552	53.474	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27425	47.849	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	180041	54.464	ug/l	98
94) Hexachlorobutadiene	15.111	225	108445	61.589	ug/l	97
95) Naphthalene	15.239	128	375779	46.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	162760	54.058	ug/l	99

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

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