

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014325.D
 Acq On : 21 Jun 2023 08:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 57 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 21 08:51:08 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	7.801	168	196810	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	301045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129314	47.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.360%		
35) Dibromofluoromethane	7.728	113	112725	52.800	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.600%		
50) Toluene-d8	10.185	98	385152	48.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.489	95	161025	56.792	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	113.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	107353	48.944	ug/l	100
3) Chloromethane	2.119	50	125421	45.096	ug/l	98
4) Vinyl Chloride	2.259	62	129926	48.050	ug/l	98
5) Bromomethane	2.644	94	102648	46.010	ug/l	97
6) Chloroethane	2.796	64	88153	47.977	ug/l	97
7) Trichlorofluoromethane	3.131	101	242503	55.204	ug/l	100
8) Diethyl Ether	3.540	74	78456	53.487	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	125268	56.503	ug/l	99
10) Methyl Iodide	4.101	142	138182	47.202	ug/l	97
11) Tert butyl alcohol	4.966	59	106042	341.748	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	122725	54.614	ug/l	93
13) Acrolein	3.741	56	30597	239.634	ug/l	100
14) Allyl chloride	4.491	41	208970	51.303	ug/l	98
15) Acrylonitrile	5.174	53	231006	305.328	ug/l	100
16) Acetone	3.954	43	193685	234.456	ug/l	100
17) Carbon Disulfide	4.204	76	371820	51.062	ug/l	98
18) Methyl Acetate	4.491	43	195903	61.095	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	384029	57.944	ug/l	99
20) Methylene Chloride	4.729	84	196133	76.249	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	142102	56.697	ug/l	96
22) Diisopropyl ether	6.131	45	460313	59.023	ug/l	95
23) Vinyl Acetate	6.070	43	1297903	282.060	ug/l	99
24) 1,1-Dichloroethane	6.033	63	255572	56.837	ug/l	99
25) 2-Butanone	6.996	43	310147	304.993	ug/l	99
26) 2,2-Dichloropropane	6.990	77	196386	46.500	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	163335	58.256	ug/l	97
28) Bromochloromethane	7.344	49	95495	52.223	ug/l	97
29) Tetrahydrofuran	7.356	42	208262	322.973	ug/l	97
30) Chloroform	7.515	83	280988	58.902	ug/l	94
31) Cyclohexane	7.795	56	208949	56.914	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	253510	58.921	ug/l	99
36) 1,1-Dichloropropene	7.929	75	198652	59.684	ug/l	99
37) Ethyl Acetate	7.082	43	137474	59.861	ug/l	99
38) Carbon Tetrachloride	7.911	117	237654	61.874	ug/l	99
39) Methylcyclohexane	9.191	83	227297	61.550	ug/l	99
40) Benzene	8.173	78	590273	59.640	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	73168m	62.427	ug/l	
42) 1,2-Dichloroethane	8.246	62	204955	58.559	ug/l	99
43) Isopropyl Acetate	8.283	43	242313	60.200	ug/l	99
44) Trichloroethene	8.947	130	159243	60.221	ug/l	97
45) 1,2-Dichloropropane	9.222	63	147573	58.702	ug/l	100
46) Dibromomethane	9.313	93	91936	59.411	ug/l	99
47) Bromodichloromethane	9.502	83	221978	61.264	ug/l	97
48) Methyl methacrylate	9.301	41	115345	61.439	ug/l	97
49) 1,4-Dioxane	9.301	88	26116	1328.190	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	716372	327.589	ug/l	99
52) Toluene	10.252	92	372798	60.762	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	215536	56.508	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	232932	55.972	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	126855	61.805	ug/l	97
56) Ethyl methacrylate	10.514	69	179180	63.291	ug/l	96
57) 1,3-Dichloropropane	10.795	76	213857	60.921	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	392166	303.134	ug/l	98
59) 2-Hexanone	10.837	43	512927	324.754	ug/l	99
60) Dibromochloromethane	10.990	129	163710	62.318	ug/l	100
61) 1,2-Dibromoethane	11.093	107	123860	61.145	ug/l	100
64) Tetrachloroethene	10.727	164	170937	68.269	ug/l	98
65) Chlorobenzene	11.520	112	403456	57.159	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	162393	58.493	ug/l	100
67) Ethyl Benzene	11.599	91	738638	59.784	ug/l	98
68) m/p-Xylenes	11.709	106	569135	119.759	ug/l	98
69) o-Xylene	12.038	106	271958	60.529	ug/l	99
70) Styrene	12.050	104	469068	61.169	ug/l	99
71) Bromoform	12.215	173	115385	60.686	ug/l	99
73) Isopropylbenzene	12.337	105	717022	57.290	ug/l	100
74) N-amyl acetate	12.148	43	219957	55.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	157724	56.398	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	119675m	55.599	ug/l	
77) Bromobenzene	12.611	156	182148	55.373	ug/l	98
78) n-propylbenzene	12.678	91	886458	57.988	ug/l	100
79) 2-Chlorotoluene	12.764	91	499540	56.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	619486	57.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	49273	49.483	ug/l	98
82) 4-Chlorotoluene	12.861	91	525830	56.412	ug/l	100
83) tert-Butylbenzene	13.081	119	530050	58.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	617737	58.233	ug/l	100
85) sec-Butylbenzene	13.258	105	777625	58.733	ug/l	100
86) p-Isopropyltoluene	13.373	119	649535	57.322	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	347975	55.405	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	346099	54.693	ug/l	99
89) n-Butylbenzene	13.703	91	605607	57.623	ug/l	99
90) Hexachloroethane	13.965	117	131482	58.231	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	319375	56.618	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	29967	56.270	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	190680	53.361	ug/l	99
94) Hexachlorobutadiene	15.117	225	114888	55.689	ug/l	99
95) Naphthalene	15.239	128	416150	57.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	175898	54.474	ug/l	99

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

