

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014928.D
 Acq On : 02 Aug 2023 11:32
 Operator : SY/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 : Semsettin Yesilyurt 08/03/2023
 Supervised By : Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 02:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	283706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	412822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156732	48.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.960%		
35) Dibromofluoromethane	7.716	113	143580	48.599	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.179	98	505756	46.433	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.477	95	187637	44.927	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	99166	42.903	ug/l	98
3) Chloromethane	2.113	50	138747	53.401	ug/l	97
4) Vinyl Chloride	2.247	62	166881	57.470	ug/l	99
5) Bromomethane	2.644	94	117860	61.418	ug/l	99
6) Chloroethane	2.790	64	113634	62.649	ug/l	96
7) Trichlorofluoromethane	3.119	101	254404	52.165	ug/l	98
8) Diethyl Ether	3.528	74	89808	49.493	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	151519	50.689	ug/l	95
10) Methyl Iodide	4.088	142	172696	54.286	ug/l	98
11) Tert butyl alcohol	4.960	59	116087	165.728	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	136119	48.722	ug/l	95
13) Acrolein	3.729	56	45735	135.348	ug/l	99
14) Allyl chloride	4.473	41	224722	45.302	ug/l	97
15) Acrylonitrile	5.155	53	254025	253.870	ug/l	98
16) Acetone	3.948	43	267686	261.290	ug/l	92
17) Carbon Disulfide	4.192	76	334811	41.859	ug/l	99
18) Methyl Acetate	4.473	43	198905	50.593	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	456727	50.327	ug/l	98
20) Methylene Chloride	4.710	84	187405	56.892	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	155759	49.128	ug/l	96
22) Diisopropyl ether	6.112	45	499963	49.574	ug/l	93
23) Vinyl Acetate	6.058	43	1461467	242.155	ug/l	95
24) 1,1-Dichloroethane	6.015	63	291885	50.582	ug/l	97
25) 2-Butanone	6.978	43	372569	248.577	ug/l	95
26) 2,2-Dichloropropane	6.978	77	276454	50.267	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	190216	51.543	ug/l	95
28) Bromochloromethane	7.326	49	119860	48.228	ug/l	93
29) Tetrahydrofuran	7.344	42	221961	240.505	ug/l	92
30) Chloroform	7.502	83	307733	51.714	ug/l	97
31) Cyclohexane	7.783	56	231949	43.220	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	275928	51.521	ug/l	99
36) 1,1-Dichloropropene	7.911	75	221488	50.131	ug/l	100
37) Ethyl Acetate	7.070	43	148728	48.893	ug/l	96
38) Carbon Tetrachloride	7.893	117	246693	52.820	ug/l	97
39) Methylcyclohexane	9.179	83	271603	47.185	ug/l	93
40) Benzene	8.155	78	638610	50.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	85744m	54.801	ug/l	
42) 1,2-Dichloroethane	8.234	62	208058	52.287	ug/l	96
43) Isopropyl Acetate	8.271	43	281166	48.522	ug/l	96
44) Trichloroethene	8.935	130	184752	52.550	ug/l	96
45) 1,2-Dichloropropane	9.209	63	166226	50.661	ug/l	94
46) Dibromomethane	9.301	93	101862	51.173	ug/l	96
47) Bromodichloromethane	9.496	83	243465	51.895	ug/l	97
48) Methyl methacrylate	9.289	41	124918	47.909	ug/l	94
49) 1,4-Dioxane	9.295	88	32341	996.421	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	770079	253.114	ug/l	94
52) Toluene	10.240	92	409079	50.876	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	252731	49.249	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	277829	49.785	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	144402	52.079	ug/l	96
56) Ethyl methacrylate	10.508	69	209675	49.528	ug/l	92
57) 1,3-Dichloropropane	10.788	76	244861	51.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	467040	236.768	ug/l	94
59) 2-Hexanone	10.831	43	561309	252.991	ug/l	93
60) Dibromochloromethane	10.984	129	178730	52.574	ug/l	100
61) 1,2-Dibromoethane	11.087	107	140959	50.960	ug/l	99
64) Tetrachloroethene	10.715	164	207638	62.538	ug/l	98
65) Chlorobenzene	11.514	112	451542	51.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	173915	52.433	ug/l	99
67) Ethyl Benzene	11.593	91	806308	50.765	ug/l	98
68) m/p-Xylenes	11.697	106	618877	102.074	ug/l	96
69) o-Xylene	12.026	106	301144	50.994	ug/l	97
70) Styrene	12.044	104	510079	51.248	ug/l	97
71) Bromoform	12.209	173	114561	50.955	ug/l #	100
73) Isopropylbenzene	12.331	105	809416	49.884	ug/l	100
74) N-amyl acetate	12.142	43	250760	46.143	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	167380	45.235	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	128205m	48.985	ug/l	
77) Bromobenzene	12.605	156	188956	51.016	ug/l	99
78) n-propylbenzene	12.672	91	961892	49.195	ug/l	99
79) 2-Chlorotoluene	12.752	91	541370	48.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	668137	49.305	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	58900	43.573	ug/l	99
82) 4-Chlorotoluene	12.855	91	557120	48.033	ug/l	99
83) tert-Butylbenzene	13.075	119	594901	49.490	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	656940	49.398	ug/l	99
85) sec-Butylbenzene	13.251	105	888354	50.378	ug/l	100
86) p-Isopropyltoluene	13.367	119	730743	50.756	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	370047	51.334	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	365476	50.594	ug/l	99
89) n-Butylbenzene	13.696	91	696759	49.743	ug/l	97
90) Hexachloroethane	13.959	117	143174	48.415	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	337497	51.101	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32344	45.707	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	212702	50.734	ug/l	98
94) Hexachlorobutadiene	15.111	225	117689	51.082	ug/l	98
95) Naphthalene	15.233	128	487265	49.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	188407	50.565	ug/l	98

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

