

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014816.D
 Acq On : 25 Jul 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 02:12:33 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	7.789	168	207614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124785	52.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.480%			
35) Dibromofluoromethane	7.722	113	116088	52.435	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.880%			
50) Toluene-d8	10.179	98	412572	50.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.483	95	151666	48.460	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75200	44.459	ug/l	99
3) Chloromethane	2.113	50	107411	56.492	ug/l	98
4) Vinyl Chloride	2.253	62	127846	60.164	ug/l	96
5) Bromomethane	2.644	94	97584	69.490	ug/l	99
6) Chloroethane	2.790	64	87542	65.952	ug/l	98
7) Trichlorofluoromethane	3.125	101	188915	52.934	ug/l	100
8) Diethyl Ether	3.534	74	73258	55.169	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	113498	51.885	ug/l	94
10) Methyl Iodide	4.088	142	119484	51.454	ug/l	97
11) Tert butyl alcohol	4.960	59	130222	269.174	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	105088	51.401	ug/l	93
13) Acrolein	3.735	56	48195	194.903	ug/l	99
14) Allyl chloride	4.485	41	175163	48.253	ug/l	96
15) Acrylonitrile	5.161	53	225784	308.347	ug/l	99
16) Acetone	3.954	43	195379	260.607	ug/l	92
17) Carbon Disulfide	4.198	76	267948	45.778	ug/l	99
18) Methyl Acetate	4.479	43	189998	66.040	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	377464	56.837	ug/l	100
20) Methylene Chloride	4.716	84	136300	56.514	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	121774	52.486	ug/l	98
22) Diisopropyl ether	6.125	45	393280	53.288	ug/l #	91
23) Vinyl Acetate	6.064	43	1162992	263.325	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	227321	53.831	ug/l	97
25) 2-Butanone	6.990	43	320196	291.933	ug/l	93
26) 2,2-Dichloropropane	6.984	77	189098	46.985	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	149487	55.353	ug/l	93
28) Bromochloromethane	7.338	49	98850	54.352	ug/l	93
29) Tetrahydrofuran	7.350	42	208735	309.068	ug/l	92
30) Chloroform	7.509	83	241450	55.447	ug/l	97
31) Cyclohexane	7.789	56	177437	45.180	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	212687	54.267	ug/l	99
36) 1,1-Dichloropropene	7.923	75	169616	51.230	ug/l	99
37) Ethyl Acetate	7.076	43	133725	58.664	ug/l #	96
38) Carbon Tetrachloride	7.905	117	187324	53.523	ug/l	99
39) Methylcyclohexane	9.185	83	205768	47.704	ug/l	93
40) Benzene	8.161	78	501981	53.310	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	62308m	53.142	ug/l	
42) 1,2-Dichloroethane	8.240	62	168671	56.565	ug/l	96
43) Isopropyl Acetate	8.277	43	243602	56.100	ug/l	96
44) Trichloroethene	8.941	130	142094	53.934	ug/l	98
45) 1,2-Dichloropropane	9.216	63	130306	52.996	ug/l	98
46) Dibromomethane	9.307	93	84482	56.637	ug/l	96
47) Bromodichloromethane	9.496	83	194574	55.345	ug/l	99
48) Methyl methacrylate	9.295	41	110109	56.353	ug/l	93
49) 1,4-Dioxane	9.301	88	30817	1267.019	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	695307	304.973	ug/l	94
52) Toluene	10.246	92	322951	53.598	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	200272	52.079	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	216601	51.795	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	117963	56.773	ug/l	98
56) Ethyl methacrylate	10.508	69	177939	56.089	ug/l	90
57) 1,3-Dichloropropane	10.788	76	200920	56.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	401596	271.682	ug/l	94
59) 2-Hexanone	10.831	43	502851	302.444	ug/l	92
60) Dibromochloromethane	10.984	129	142881	56.086	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119041	57.430	ug/l	98
64) Tetrachloroethene	10.721	164	144070	57.728	ug/l	97
65) Chlorobenzene	11.514	112	355393	53.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	138833	55.685	ug/l	99
67) Ethyl Benzene	11.593	91	632162	52.950	ug/l	99
68) m/p-Xylenes	11.703	106	483034	105.989	ug/l	96
69) o-Xylene	12.032	106	236102	53.189	ug/l	98
70) Styrene	12.044	104	406371	54.317	ug/l	97
71) Bromoform	12.209	173	97706	57.815	ug/l #	98
73) Isopropylbenzene	12.331	105	625107	51.911	ug/l	100
74) N-amyl acetate	12.142	43	212868	52.780	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	151488	55.165	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	116302m	59.877	ug/l	
77) Bromobenzene	12.605	156	147912	53.810	ug/l	96
78) n-propylbenzene	12.672	91	747484	51.513	ug/l	100
79) 2-Chlorotoluene	12.758	91	424957	50.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	524056	52.110	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	49443	49.286	ug/l	97
82) 4-Chlorotoluene	12.855	91	438834	50.981	ug/l	100
83) tert-Butylbenzene	13.075	119	458149	51.356	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	516190	52.301	ug/l	99
85) sec-Butylbenzene	13.251	105	680470	51.998	ug/l	100
86) p-Isopropyltoluene	13.367	119	564449	52.827	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	290985	54.391	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	287792	53.683	ug/l	99
89) n-Butylbenzene	13.696	91	528870	50.876	ug/l	97
90) Hexachloroethane	13.959	117	111821	50.952	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	267645	54.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29361	55.908	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	160378	51.545	ug/l	98
94) Hexachlorobutadiene	15.111	225	86536	50.611	ug/l	97
95) Naphthalene	15.233	128	403746	55.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	146047	52.815	ug/l	99

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

