

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016940.D
 Acq On : 09 Jan 2024 10:02
 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 :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

Quant Time: Jan 10 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	133735	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	220896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	186266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	81741	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61700	46.679	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.740	113	67132	47.692	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.380%		
50) Toluene-d8	10.197	98	240968	49.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.502	95	77413	47.336	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	44413	43.618	ug/l	99
3) Chloromethane	2.132	50	70610	44.946	ug/l	98
4) Vinyl Chloride	2.272	62	87412	47.171	ug/l	99
5) Bromomethane	2.674	94	60599	45.647	ug/l	98
6) Chloroethane	2.814	64	59565	47.518	ug/l	96
7) Trichlorofluoromethane	3.150	101	111385	48.784	ug/l	99
8) Diethyl Ether	3.552	74	35976	49.304	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.924	101	72086	48.556	ug/l	99
10) Methyl Iodide	4.119	142	66224	52.434	ug/l	98
11) Tert butyl alcohol	4.979	59	24529	255.876	ug/l #	88
12) 1,1-Dichloroethene	3.900	96	63620	49.946	ug/l	98
13) Acrolein	3.753	56	31180	215.221	ug/l	96
14) Allyl chloride	4.509	41	103944	51.618	ug/l	99
15) Acrylonitrile	5.192	53	89484	262.181	ug/l	99
16) Acetone	3.973	43	87871	271.843	ug/l	100
17) Carbon Disulfide	4.223	76	140406	46.132	ug/l	100
18) Methyl Acetate	4.503	43	82578	58.313	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	177112	53.445	ug/l	99
20) Methylene Chloride	4.747	84	76154	43.434	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	73160	50.149	ug/l	98
22) Diisopropyl ether	6.143	45	249858	53.670	ug/l	96
23) Vinyl Acetate	6.088	43	544590	255.121	ug/l	99
24) 1,1-Dichloroethane	6.045	63	143565	51.317	ug/l	99
25) 2-Butanone	7.009	43	117309	260.476	ug/l	100
26) 2,2-Dichloropropane	7.009	77	125365	51.683	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	88250	51.604	ug/l	98
28) Bromochloromethane	7.362	49	54896	52.268	ug/l	100
29) Tetrahydrofuran	7.368	42	71160	265.994	ug/l	98
30) Chloroform	7.533	83	146763	50.907	ug/l	98
31) Cyclohexane	7.813	56	108819	47.967	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	124635	50.986	ug/l	99
36) 1,1-Dichloropropene	7.941	75	105417	51.387	ug/l	99
37) Ethyl Acetate	7.100	43	48280	51.789	ug/l	100
38) Carbon Tetrachloride	7.929	117	106788	51.236	ug/l	99
39) Methylcyclohexane	9.203	83	115187	49.947	ug/l	99
40) Benzene	8.185	78	318145	51.699	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26354	53.676	ug/l	94
42) 1,2-Dichloroethane	8.258	62	83971	51.399	ug/l	100
43) Isopropyl Acetate	8.295	43	93171	52.190	ug/l	99
44) Trichloroethene	8.960	130	80378	51.330	ug/l	96
45) 1,2-Dichloropropane	9.234	63	82724	52.179	ug/l	99
46) Dibromomethane	9.325	93	42010	51.957	ug/l	98
47) Bromodichloromethane	9.514	83	112270	51.709	ug/l	96
48) Methyl methacrylate	9.313	41	51370	53.319	ug/l	95
49) 1,4-Dioxane	9.319	88	9044	1080.284	ug/l	98
51) 4-Methyl-2-Pentanone	10.087	43	257740	271.470	ug/l	100
52) Toluene	10.264	92	195956	52.763	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	103697	53.320	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	122898	52.620	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	61517	52.079	ug/l	98
56) Ethyl methacrylate	10.526	69	55083	55.055	ug/l	98
57) 1,3-Dichloropropane	10.807	76	102465	51.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	163952	259.690	ug/l	99
59) 2-Hexanone	10.849	43	180216	257.787	ug/l	100
60) Dibromochloromethane	11.002	129	70273	51.588	ug/l	100
61) 1,2-Dibromoethane	11.106	107	53732	52.356	ug/l	100
64) Tetrachloroethene	10.740	164	60185	49.839	ug/l	98
65) Chlorobenzene	11.532	112	205531	52.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	78676	53.338	ug/l	99
67) Ethyl Benzene	11.612	91	375563	53.761	ug/l	99
68) m/p-Xylenes	11.721	106	279826	109.127	ug/l	100
69) o-Xylene	12.050	106	130365	54.231	ug/l	99
70) Styrene	12.063	104	195706	55.937	ug/l	99
71) Bromoform	12.227	173	39109	53.858	ug/l #	97
73) Isopropylbenzene	12.349	105	361931	54.222	ug/l	99
74) N-amyl acetate	12.160	43	74087	55.243	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	70214	51.626	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	46675m	52.619	ug/l	
77) Bromobenzene	12.630	156	76551	52.088	ug/l	100
78) n-propylbenzene	12.691	91	431021	53.115	ug/l	100
79) 2-Chlorotoluene	12.776	91	237690	52.821	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	283426	53.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	20881	53.454	ug/l	98
82) 4-Chlorotoluene	12.874	91	244005	53.076	ug/l	99
83) tert-Butylbenzene	13.093	119	252467	54.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	281539	54.153	ug/l	98
85) sec-Butylbenzene	13.270	105	365291	53.020	ug/l	99
86) p-Isopropyltoluene	13.386	119	306596	53.920	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	151938	52.715	ug/l	98
88) 1,4-Dichlorobenzene	13.465	146	147587	52.353	ug/l	100
89) n-Butylbenzene	13.715	91	296091	54.159	ug/l	100
90) Hexachloroethane	13.977	117	63492	51.964	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	130110	52.235	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8713	51.088	ug/l	98
93) 1,2,4-Trichlorobenzene	15.026	180	70970	57.378	ug/l	99
94) Hexachlorobutadiene	15.129	225	40613	52.414	ug/l	99
95) Naphthalene	15.257	128	132481	57.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	60085	57.210	ug/l	97

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

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