

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012387.D
 Acq On : 30 Jan 2023 09:41
 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

Quant Time: Jan 31 01:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

01/31/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61472	49.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.716	113	54660	47.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.900%
50) Toluene-d8	10.179	98	192539	48.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.483	95	77604	47.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	55092	42.483	ug/l	98
3) Chloromethane	2.113	50	49812	41.609	ug/l	100
4) Vinyl Chloride	2.253	62	63281	45.287	ug/l	98
5) Bromomethane	2.650	94	59175	54.775	ug/l	94
6) Chloroethane	2.796	64	43561	47.801	ug/l	99
7) Trichlorofluoromethane	3.131	101	139790	51.258	ug/l	99
8) Diethyl Ether	3.534	74	39948	49.227	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	66479	50.086	ug/l	93
10) Methyl Iodide	4.095	142	71015	35.206	ug/l	92
11) Tert butyl alcohol	4.954	59	41004	282.519	ug/l	99
12) 1,1-Dichloroethene	3.875	96	67590	49.593	ug/l	94
13) Acrolein	3.735	56	15881	297.644	ug/l	99
14) Allyl chloride	4.485	41	76893	45.629	ug/l #	77
15) Acrylonitrile	5.161	53	91652	258.564	ug/l	99
16) Acetone	3.948	43	120984	292.794	ug/l	96
17) Carbon Disulfide	4.198	76	186317	44.197	ug/l	98
18) Methyl Acetate	4.479	43	46421	50.206	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	201462	53.027	ug/l	93
20) Methylene Chloride	4.722	84	75573	42.480	ug/l #	84
21) trans-1,2-Dichloroethene	5.222	96	74583	49.040	ug/l	88
22) Diisopropyl ether	6.119	45	159070	47.348	ug/l #	86
23) Vinyl Acetate	6.064	43	520512	248.634	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	115003	49.352	ug/l	96
25) 2-Butanone	6.984	43	122056	267.565	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	130883	51.739	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	83936	50.244	ug/l	93
28) Bromochloromethane	7.338	49	21919	43.070	ug/l #	66
29) Tetrahydrofuran	7.344	42	63743	254.390	ug/l #	76
30) Chloroform	7.509	83	140048	50.912	ug/l	97
31) Cyclohexane	7.789	56	96071	44.404	ug/l	84
32) 1,1,1-Trichloroethane	7.704	97	143297	52.619	ug/l	98
36) 1,1-Dichloropropene	7.917	75	99296	50.718	ug/l	97
37) Ethyl Acetate	7.076	43	43343	50.219	ug/l #	93
38) Carbon Tetrachloride	7.899	117	138363	54.721	ug/l	95
39) Methylcyclohexane	9.185	83	121843	50.926	ug/l	92
40) Benzene	8.161	78	286246	50.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	27209m	53.633	ug/l	
42) 1,2-Dichloroethane	8.240	62	97824	54.378	ug/l	98
43) Isopropyl Acetate	8.271	43	83192	51.809	ug/l #	92
44) Trichloroethene	8.941	130	88703	52.519	ug/l	95
45) 1,2-Dichloropropane	9.216	63	58218	49.375	ug/l	96
46) Dibromomethane	9.307	93	41606	52.709	ug/l	94
47) Bromodichloromethane	9.496	83	107221	53.962	ug/l	97
48) Methyl methacrylate	9.295	41	39223	53.014	ug/l #	83
49) 1,4-Dioxane	9.301	88	12304	1143.939	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	230303	268.973	ug/l	93
52) Toluene	10.246	92	197137	52.397	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	111968	53.873	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	117615	52.547	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	60531	53.974	ug/l	95
56) Ethyl methacrylate	10.508	69	81160	55.162	ug/l	91
57) 1,3-Dichloropropane	10.788	76	98365	53.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	116940	240.205	ug/l #	85
59) 2-Hexanone	10.831	43	183564	281.587	ug/l	93
60) Dibromochloromethane	10.984	129	82889	55.725	ug/l	99
61) 1,2-Dibromoethane	11.087	107	58046	53.639	ug/l	100
64) Tetrachloroethene	10.721	164	99933	54.706	ug/l	97
65) Chlorobenzene	11.514	112	214055	52.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	84904	54.916	ug/l	96
67) Ethyl Benzene	11.593	91	387595	52.947	ug/l	99
68) m/p-Xylenes	11.703	106	308431	106.562	ug/l	99
69) o-Xylene	12.032	106	147417	53.323	ug/l	98
70) Styrene	12.044	104	250259	54.178	ug/l	98
71) Bromoform	12.209	173	55824	56.515	ug/l #	99
73) Isopropylbenzene	12.331	105	403546	53.245	ug/l	99
74) N-amyl acetate	12.142	43	74256	49.981	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	62897	52.687	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	43917m	45.440	ug/l	
77) Bromobenzene	12.611	156	96733	53.041	ug/l	89
78) n-propylbenzene	12.672	91	458619	51.711	ug/l	99
79) 2-Chlorotoluene	12.758	91	258368	51.525	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	351104	53.290	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	25611	54.600	ug/l	96
82) 4-Chlorotoluene	12.855	91	269932	51.247	ug/l	97
83) tert-Butylbenzene	13.075	119	300999	52.417	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	345929	53.240	ug/l	99
85) sec-Butylbenzene	13.251	105	432164	52.859	ug/l	98
86) p-Isopropyltoluene	13.367	119	378768	53.025	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	187695	51.747	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	186541	51.569	ug/l	99
89) n-Butylbenzene	13.696	91	320245	51.733	ug/l	98
90) Hexachloroethane	13.959	117	66253	51.377	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	167883	51.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13797	55.924	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	105720	50.980	ug/l	99
94) Hexachlorobutadiene	15.111	225	63197	50.615	ug/l	100
95) Naphthalene	15.239	128	220764	53.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92103	51.612	ug/l	98

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

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