

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010143.D
 Acq On : 22 Aug 2022 14:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/23/2022
 Supervised By :Mahesh Dadoda 08/23/2022

Quant Time: Aug 22 16:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	240651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96143	48.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.540%		
35) Dibromofluoromethane	7.710	113	104130	50.035	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.080%		
50) Toluene-d8	10.179	98	354493	45.459	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.483	95	139797	50.174	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80753	45.023	ug/l	97
3) Chloromethane	2.107	50	81722	40.496	ug/l	100
4) Vinyl Chloride	2.241	62	93192	42.393	ug/l	97
5) Bromomethane	2.644	94	77741	46.714	ug/l	100
6) Chloroethane	2.784	64	71392	50.887	ug/l	95
7) Trichlorofluoromethane	3.113	101	190428	51.116	ug/l	98
8) Diethyl Ether	3.521	74	63390	49.852	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	107111	46.315	ug/l	99
10) Methyl Iodide	4.082	142	127648	44.688	ug/l	98
11) Tert butyl alcohol	4.942	59	59096	287.557	ug/l	98
12) 1,1-Dichloroethene	3.863	96	99419	44.814	ug/l	100
13) Acrolein	3.717	56	23890	239.187	ug/l	100
14) Allyl chloride	4.466	41	167415	51.023	ug/l	98
15) Acrylonitrile	5.155	53	177630	290.596	ug/l	99
16) Acetone	3.942	43	154761	313.698	ug/l	98
17) Carbon Disulfide	4.180	76	246590	35.025	ug/l	98
18) Methyl Acetate	4.466	43	84605	55.973	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	306682	55.787	ug/l	98
20) Methylene Chloride	4.704	84	128398	44.841	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	112873	44.872	ug/l	98
22) Diisopropyl ether	6.112	45	373575	54.203	ug/l	98
23) Vinyl Acetate	6.051	43	1186452	283.664	ug/l	99
24) 1,1-Dichloroethane	6.009	63	209047	50.334	ug/l	100
25) 2-Butanone	6.978	43	232474	292.943	ug/l	97
26) 2,2-Dichloropropane	6.972	77	187699	50.503	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	136329	48.987	ug/l	96
28) Bromochloromethane	7.326	49	74592	52.853	ug/l	97
29) Tetrahydrofuran	7.338	42	146742	289.149	ug/l	98
30) Chloroform	7.496	83	221204	50.931	ug/l	99
31) Cyclohexane	7.777	56	168808	41.799	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	190252	50.246	ug/l	99
36) 1,1-Dichloropropene	7.911	75	155222	46.727	ug/l	100
37) Ethyl Acetate	7.063	43	99290	58.873	ug/l	99
38) Carbon Tetrachloride	7.893	117	171472	49.220	ug/l	100
39) Methylcyclohexane	9.179	83	182420	44.532	ug/l	99
40) Benzene	8.155	78	473023	48.411	ug/l	99

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41) Methacrylonitrile	7.320	41	60748m	62.835	ug/l	
42) 1,2-Dichloroethane	8.234	62	131839	52.610	ug/l	99
43) Isopropyl Acetate	8.271	43	179594	58.987	ug/l	97
44) Trichloroethene	8.935	130	132328	47.246	ug/l	94
45) 1,2-Dichloropropane	9.209	63	121138	51.516	ug/l	100
46) Dibromomethane	9.301	93	68928	50.103	ug/l	99
47) Bromodichloromethane	9.496	83	167709	52.380	ug/l	100
48) Methyl methacrylate	9.289	41	79099	58.065	ug/l	97
49) 1,4-Dioxane	9.289	88	18112	1136.674	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	497607	302.080	ug/l	99
52) Toluene	10.240	92	302036	48.755	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	174024	53.182	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	197260	51.679	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	104245	52.618	ug/l	98
56) Ethyl methacrylate	10.508	69	143251	57.332	ug/l	97
57) 1,3-Dichloropropane	10.788	76	171911	52.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	242761	243.579	ug/l	99
59) 2-Hexanone	10.831	43	350310	310.145	ug/l	99
60) Dibromochloromethane	10.984	129	125162	51.837	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97949	50.800	ug/l	99
64) Tetrachloroethene	10.715	164	125932	45.896	ug/l	96
65) Chlorobenzene	11.514	112	336554	49.225	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	129768	51.347	ug/l	100
67) Ethyl Benzene	11.593	91	595194	49.958	ug/l	100
68) m/p-Xylenes	11.703	106	459662	98.933	ug/l	98
69) o-Xylene	12.026	106	221620	51.228	ug/l	99
70) Styrene	12.044	104	385062	52.160	ug/l	99
71) Bromoform	12.209	173	82511	53.037	ug/l #	99
73) Isopropylbenzene	12.331	105	591080	49.760	ug/l	100
74) N-amyl acetate	12.142	43	162521	56.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	123159	51.833	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	94162m	56.943	ug/l	
77) Bromobenzene	12.605	156	142602	49.352	ug/l	99
78) n-propylbenzene	12.672	91	725117	49.718	ug/l	100
79) 2-Chlorotoluene	12.758	91	406807	49.516	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	501371	50.448	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	45500	55.265	ug/l	97
82) 4-Chlorotoluene	12.855	91	423677	49.746	ug/l	100
83) tert-Butylbenzene	13.075	119	436938	50.429	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	494994	50.288	ug/l	100
85) sec-Butylbenzene	13.251	105	655082	49.867	ug/l	99
86) p-Isopropyltoluene	13.367	119	544880	50.319	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	285935	49.144	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	284647	48.860	ug/l	99
89) n-Butylbenzene	13.696	91	514736	50.504	ug/l	99
90) Hexachloroethane	13.959	117	106355	48.171	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	259620	50.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19556	53.834	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	161754	52.825	ug/l	99
94) Hexachlorobutadiene	15.111	225	89243	49.092	ug/l	100
95) Naphthalene	15.239	128	343039	51.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	141898	53.176	ug/l	99

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

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