

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010039.D
 Acq On : 16 Aug 2022 11:51
 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 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:52:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54543	47.766	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.540%		
35) Dibromofluoromethane	7.710	113	52641	49.912	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.820%		
50) Toluene-d8	10.179	98	179939	46.114	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.220%		
62) 4-Bromofluorobenzene	12.483	95	64286	46.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45743	48.930	ug/l	100
3) Chloromethane	2.107	50	58144	46.827	ug/l	98
4) Vinyl Chloride	2.247	62	72347	44.540	ug/l	98
5) Bromomethane	2.644	94	60774	49.251	ug/l	100
6) Chloroethane	2.790	64	52849	47.244	ug/l	99
7) Trichlorofluoromethane	3.119	101	96467	49.996	ug/l	99
8) Diethyl Ether	3.521	74	25839	47.814	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	50752	49.602	ug/l	99
10) Methyl Iodide	4.082	142	63714	52.606	ug/l	100
11) Tert butyl alcohol	4.942	59	24942	235.738	ug/l	98
12) 1,1-Dichloroethene	3.863	96	46025	49.149	ug/l	96
13) Acrolein	3.723	56	15647	205.284	ug/l	99
14) Allyl chloride	4.466	41	66731	48.488	ug/l	99
15) Acrylonitrile	5.149	53	56540	221.891	ug/l	98
16) Acetone	3.936	43	63510	259.670	ug/l	95
17) Carbon Disulfide	4.186	76	124559	46.437	ug/l	98
18) Methyl Acetate	4.466	43	29618	41.809	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	124992	48.578	ug/l	97
20) Methylene Chloride	4.704	84	56273	49.718	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	52282	48.546	ug/l	99
22) Diisopropyl ether	6.112	45	153612	56.749	ug/l	99
23) Vinyl Acetate	6.051	43	490152	286.964	ug/l	98
24) 1,1-Dichloroethane	6.003	63	90232	52.488	ug/l	98
25) 2-Butanone	6.978	43	89223	266.658	ug/l	100
26) 2,2-Dichloropropane	6.972	77	93654	51.838	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	61276	51.740	ug/l	99
28) Bromochloromethane	7.326	49	37815	52.862	ug/l	99
29) Tetrahydrofuran	7.338	42	54443	250.506	ug/l	99
30) Chloroform	7.496	83	101004	48.043	ug/l	99
31) Cyclohexane	7.777	56	77079	47.773	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	99800	52.367	ug/l	99
36) 1,1-Dichloropropene	7.911	75	75211	51.191	ug/l	99
37) Ethyl Acetate	7.063	43	38155	51.569	ug/l #	96
38) Carbon Tetrachloride	7.893	117	93234	51.598	ug/l	100
39) Methylcyclohexane	9.179	83	89496	54.065	ug/l	100
40) Benzene	8.155	78	214005	49.789	ug/l	100

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41) Methacrylonitrile	7.313	41	19461m	50.922	ug/l	
42) 1,2-Dichloroethane	8.228	62	66809	49.884	ug/l	100
43) Isopropyl Acetate	8.264	43	71243	50.728	ug/l	99
44) Trichloroethene	8.935	130	65352	50.303	ug/l	100
45) 1,2-Dichloropropane	9.209	63	51245	50.423	ug/l	99
46) Dibromomethane	9.301	93	31289	48.070	ug/l	98
47) Bromodichloromethane	9.490	83	74835	47.664	ug/l	99
48) Methyl methacrylate	9.289	41	30578	50.040	ug/l	98
49) 1,4-Dioxane	9.295	88	6618	875.514	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	171432	221.255	ug/l	97
52) Toluene	10.240	92	135168	48.792	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	72942	48.241	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	79086	47.816	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	40865	45.453	ug/l	97
56) Ethyl methacrylate	10.508	69	49743	47.872	ug/l	98
57) 1,3-Dichloropropane	10.788	76	66145	45.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	91128	202.651	ug/l	97
59) 2-Hexanone	10.831	43	118359	200.157	ug/l	97
60) Dibromochloromethane	10.983	129	60302	50.639	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43150	49.248	ug/l	97
64) Tetrachloroethene	10.715	164	64704	51.575	ug/l	98
65) Chlorobenzene	11.514	112	151406	49.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60888	50.175	ug/l	100
67) Ethyl Benzene	11.593	91	262488	51.120	ug/l	97
68) m/p-Xylenes	11.703	106	214932	105.371	ug/l	97
69) o-Xylene	12.026	106	102748	53.919	ug/l	96
70) Styrene	12.044	104	171005	53.179	ug/l	99
71) Bromoform	12.209	173	38517	50.664	ug/l #	100
73) Isopropylbenzene	12.331	105	265003	49.513	ug/l	98
74) N-amyl acetate	12.142	43	53653	36.791	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44624	41.940	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	35797m	44.102	ug/l	
77) Bromobenzene	12.605	156	68399	48.104	ug/l	90
78) n-propylbenzene	12.672	91	314270	47.629	ug/l	98
79) 2-Chlorotoluene	12.758	91	176899	47.409	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	230421	49.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15615	43.475	ug/l	95
82) 4-Chlorotoluene	12.855	91	185331	47.480	ug/l	99
83) tert-Butylbenzene	13.075	119	210323	51.336	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	229351	50.099	ug/l	98
85) sec-Butylbenzene	13.251	105	296576	49.559	ug/l	98
86) p-Isopropyltoluene	13.367	119	259989	50.693	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135750	46.885	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141230	48.316	ug/l	99
89) n-Butylbenzene	13.696	91	233438	51.089	ug/l	99
90) Hexachloroethane	13.959	117	51718	49.750	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	130080	50.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8044	43.986	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73474	47.757	ug/l	99
94) Hexachlorobutadiene	15.111	225	45387	46.100	ug/l	100
95) Naphthalene	15.239	128	130964	42.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63012	46.536	ug/l	99

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

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