

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008742.D
 Acq On : 13 May 2022 11:51
 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 : Mahesh Dadoda 05/16/2022
 Supervised By : Semsettin Yesilyurt 05/16/2022

Quant Time: May 16 05:49:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99341	49.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.840%		
35) Dibromofluoromethane	7.716	113	99773	47.346	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.700%		
50) Toluene-d8	10.179	98	362160	45.570	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.140%		
62) 4-Bromofluorobenzene	12.483	95	133805	48.595	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72635	52.203	ug/l	98
3) Chloromethane	2.113	50	148186	50.025	ug/l	99
4) Vinyl Chloride	2.247	62	194756	47.265	ug/l	96
5) Bromomethane	2.650	94	179835	49.764	ug/l	96
6) Chloroethane	2.790	64	138218	48.155	ug/l	99
7) Trichlorofluoromethane	3.125	101	166438	47.613	ug/l	97
8) Diethyl Ether	3.528	74	56925	52.830	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	100915	48.764	ug/l	99
10) Methyl Iodide	4.088	142	117394	58.116	ug/l	99
11) Tert butyl alcohol	4.942	59	58611	125.177	ug/l	97
12) 1,1-Dichloroethene	3.869	96	92455	48.783	ug/l	98
13) Acrolein	3.735	56	28171	218.129	ug/l	92
14) Allyl chloride	4.479	41	138267	51.639	ug/l	96
15) Acrylonitrile	5.155	53	147253	267.287	ug/l	100
16) Acetone	3.948	43	128836	313.265	ug/l	95
17) Carbon Disulfide	4.192	76	258892	48.018	ug/l	98
18) Methyl Acetate	4.473	43	65149	54.308	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	300295	53.452	ug/l	100
20) Methylene Chloride	4.710	84	123213	55.225	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	115904	50.214	ug/l	96
22) Diisopropyl ether	6.112	45	334302	53.554	ug/l	96
23) Vinyl Acetate	6.058	43	1135378	305.106	ug/l	99
24) 1,1-Dichloroethane	6.015	63	205439	52.052	ug/l	98
25) 2-Butanone	6.984	43	201755	282.943	ug/l	98
26) 2,2-Dichloropropane	6.972	77	197986	52.777	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	142456	54.159	ug/l	98
28) Bromochloromethane	7.326	49	76076	48.303	ug/l	99
29) Tetrahydrofuran	7.344	42	124512	270.776	ug/l	99
30) Chloroform	7.502	83	223167	53.047	ug/l	100
31) Cyclohexane	7.783	56	169527	52.679	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	195889	51.462	ug/l	99
36) 1,1-Dichloropropene	7.917	75	164920	48.945	ug/l	99
37) Ethyl Acetate	7.070	43	88337	51.808	ug/l	98
38) Carbon Tetrachloride	7.899	117	175656	49.404	ug/l	98
39) Methylcyclohexane	9.185	83	201897	47.131	ug/l	98
40) Benzene	8.155	78	499484	51.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	39544m	47.806	ug/l	
42) 1,2-Dichloroethane	8.234	62	143697	51.857	ug/l	100
43) Isopropyl Acetate	8.271	43	170910	53.185	ug/l	100
44) Trichloroethene	8.941	130	136210	52.088	ug/l	91
45) 1,2-Dichloropropane	9.216	63	124379	52.609	ug/l	97
46) Dibromomethane	9.301	93	77256	51.495	ug/l	98
47) Bromodichloromethane	9.496	83	181858	52.309	ug/l	98
48) Methyl methacrylate	9.289	41	73299	53.249	ug/l	98
49) 1,4-Dioxane	9.301	88	20533	1092.581	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	462509	268.418	ug/l	100
52) Toluene	10.246	92	338684	51.987	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	193725	54.052	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	205588	51.339	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	107131	52.084	ug/l	99
56) Ethyl methacrylate	10.508	69	144951	54.751	ug/l	99
57) 1,3-Dichloropropane	10.788	76	179498	53.193	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	359736	259.460	ug/l	98
59) 2-Hexanone	10.831	43	328032	282.499	ug/l	100
60) Dibromochloromethane	10.984	129	131878	53.588	ug/l	100
61) 1,2-Dibromoethane	11.087	107	105304	53.222	ug/l	97
64) Tetrachloroethene	10.721	164	120759	48.947	ug/l	97
65) Chlorobenzene	11.514	112	368574	52.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	140002	53.959	ug/l	99
67) Ethyl Benzene	11.593	91	668164	53.260	ug/l	99
68) m/p-Xylenes	11.703	106	543499	108.646	ug/l	99
69) o-Xylene	12.032	106	257562	54.754	ug/l	100
70) Styrene	12.044	104	441080	56.324	ug/l	99
71) Bromoform	12.209	173	83405	54.619	ug/l #	99
73) Isopropylbenzene	12.331	105	675033	51.008	ug/l	100
74) N-amyl acetate	12.142	43	164612	53.804	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	135845	49.971	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	101162m	57.465	ug/l	
77) Bromobenzene	12.611	156	149003	49.726	ug/l	99
78) n-propylbenzene	12.672	91	814640	50.823	ug/l	100
79) 2-Chlorotoluene	12.758	91	446131	51.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	563566	52.225	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48110	52.797	ug/l	98
82) 4-Chlorotoluene	12.855	91	469503	51.672	ug/l	100
83) tert-Butylbenzene	13.075	119	489732	51.081	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	571985	53.329	ug/l	100
85) sec-Butylbenzene	13.251	105	759007	52.174	ug/l	100
86) p-Isopropyltoluene	13.373	119	639409	52.660	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	323497	51.967	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	316110	51.740	ug/l	100
89) n-Butylbenzene	13.696	91	580984	51.160	ug/l	99
90) Hexachloroethane	13.965	117	115329	51.485	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	279634	51.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20256	50.190	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	145525	48.602	ug/l	98
94) Hexachlorobutadiene	15.111	225	73621	46.703	ug/l	97
95) Naphthalene	15.239	128	321856	50.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	126660	47.778	ug/l	97

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

