

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009426.D
 Acq On : 01 Jul 2022 16:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 05 02:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2022
 Supervised By :Semsettin Yesilyurt 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	120439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	182811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46377	48.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.160%		
35) Dibromofluoromethane	7.710	113	50428	48.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.840%		
50) Toluene-d8	10.173	98	159327	49.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.800%		
62) 4-Bromofluorobenzene	12.477	95	82233	54.302	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	44228	44.605	ug/l	99
3) Chloromethane	2.107	50	46031	42.666	ug/l	98
4) Vinyl Chloride	2.241	62	62661	50.207	ug/l	99
5) Bromomethane	2.631	94	41339	51.619	ug/l	95
6) Chloroethane	2.778	64	38955	58.540	ug/l	92
7) Trichlorofluoromethane	3.107	101	91936	55.523	ug/l	100
8) Diethyl Ether	3.521	74	30865	47.708	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	56828	47.879	ug/l	96
10) Methyl Iodide	4.076	142	65972	50.637	ug/l	92
11) Tert butyl alcohol	4.948	59	38286	246.061	ug/l	97
12) 1,1-Dichloroethene	3.857	96	49697	45.903	ug/l	87
13) Acrolein	3.723	56	16583	205.968	ug/l	100
14) Allyl chloride	4.460	41	87969	44.343	ug/l	95
15) Acrylonitrile	5.149	53	88925	242.634	ug/l	99
16) Acetone	3.936	43	79088	249.635	ug/l	92
17) Carbon Disulfide	4.174	76	121907	40.479	ug/l	99
18) Methyl Acetate	4.466	43	40581	49.480	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	165802	51.064	ug/l	97
20) Methylene Chloride	4.698	84	62147	41.824	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	59300	45.749	ug/l	91
22) Diisopropyl ether	6.106	45	228129	54.490	ug/l	96
23) Vinyl Acetate	6.045	43	737578	281.235	ug/l	97
24) 1,1-Dichloroethane	6.003	63	113462	48.203	ug/l	100
25) 2-Butanone	6.978	43	134727	268.235	ug/l	98
26) 2,2-Dichloropropane	6.972	77	110241	49.484	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	74385	49.397	ug/l	93
28) Bromochloromethane	7.326	49	54020	53.447	ug/l #	92
29) Tetrahydrofuran	7.338	42	88948	276.221	ug/l	97
30) Chloroform	7.496	83	124682	51.538	ug/l	99
31) Cyclohexane	7.777	56	98331	45.319	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	108675	50.163	ug/l	97
36) 1,1-Dichloropropene	7.911	75	90337	49.610	ug/l	97
37) Ethyl Acetate	7.063	43	56983	52.768	ug/l	96
38) Carbon Tetrachloride	7.886	117	100749	52.934	ug/l	96
39) Methylcyclohexane	9.179	83	105248	48.836	ug/l	92
40) Benzene	8.155	78	270559	50.808	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27474	45.034	ug/l #	52
42) 1,2-Dichloroethane	8.228	62	82538	54.033	ug/l	94
43) Isopropyl Acetate	8.264	43	112385	56.685	ug/l	95
44) Trichloroethene	8.935	130	74989	50.682	ug/l	100
45) 1,2-Dichloropropane	9.209	63	71156	52.752	ug/l	96
46) Dibromomethane	9.301	93	41574	53.800	ug/l	98
47) Bromodichloromethane	9.490	83	98101	53.607	ug/l	98
48) Methyl methacrylate	9.289	41	49186	57.548	ug/l	92
49) 1,4-Dioxane	9.295	88	11909	1105.575	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	308751	302.036	ug/l	96
52) Toluene	10.240	92	181883	54.136	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	105880	57.839	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	116375	53.244	ug/l	92
55) 1,1,2-Trichloroethane	10.636	97	60476	58.823	ug/l	97
56) Ethyl methacrylate	10.508	69	82653	62.983	ug/l	89
57) 1,3-Dichloropropane	10.782	76	99854	54.826	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	207300	285.308	ug/l	97
59) 2-Hexanone	10.825	43	221571	313.775	ug/l	94
60) Dibromochloromethane	10.977	129	74700	57.413	ug/l	99
61) 1,2-Dibromoethane	11.081	107	55835	54.094	ug/l	98
64) Tetrachloroethene	10.715	164	88148	51.793	ug/l	97
65) Chlorobenzene	11.514	112	200067	51.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	77206	53.809	ug/l	96
67) Ethyl Benzene	11.587	91	365412	53.850	ug/l	97
68) m/p-Xylenes	11.697	106	291321	107.365	ug/l	93
69) o-Xylene	12.026	106	140380	54.822	ug/l	90
70) Styrene	12.038	104	244106	57.537	ug/l	97
71) Bromoform	12.203	173	51875	57.539	ug/l #	98
73) Isopropylbenzene	12.325	105	373450	47.301	ug/l	99
74) N-amyl acetate	12.142	43	112609	54.374	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	73940	48.346	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	52000m	41.540	ug/l	
77) Bromobenzene	12.605	156	88529	47.037	ug/l	97
78) n-propylbenzene	12.666	91	472168	49.163	ug/l	98
79) 2-Chlorotoluene	12.751	91	262871	48.490	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	323065	48.931	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	29214	51.961	ug/l #	84
82) 4-Chlorotoluene	12.849	91	272844	48.431	ug/l	96
83) tert-Butylbenzene	13.068	119	286686	51.681	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	324176	51.668	ug/l	96
85) sec-Butylbenzene	13.251	105	435832	52.164	ug/l	98
86) p-Isopropyltoluene	13.367	119	361483	51.450	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	184221	49.544	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	185129	48.385	ug/l	99
89) n-Butylbenzene	13.690	91	344411	52.172	ug/l	100
90) Hexachloroethane	13.959	117	68270	49.010	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	169016	50.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12531	48.888	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	97970	48.939	ug/l	99
94) Hexachlorobutadiene	15.105	225	54535	48.527	ug/l	97
95) Naphthalene	15.233	128	204032	50.905	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	79878	45.928	ug/l	100

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

