

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009178.D
 Acq On : 08 Jun 2022 18:47
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 01:38:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 01:36:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	158462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63426	41.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.040%		
35) Dibromofluoromethane	7.710	113	66311	46.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.900%		
50) Toluene-d8	10.173	98	212488	40.985	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.960%		
62) 4-Bromofluorobenzene	12.477	95	96147	43.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64605	50.381	ug/l	96
3) Chloromethane	2.107	50	133458	51.879	ug/l	93
4) Vinyl Chloride	2.241	62	205952	53.092	ug/l	99
5) Bromomethane	2.631	94	168684	45.340	ug/l	95
6) Chloroethane	2.784	64	146208	52.195	ug/l	98
7) Trichlorofluoromethane	3.113	101	141870	51.614	ug/l	95
8) Diethyl Ether	3.521	74	42750	50.897	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	78864	52.749	ug/l	93
10) Methyl Iodide	4.076	142	88308	55.304	ug/l	93
11) Tert butyl alcohol	4.948	59	43889	253.997	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	73269	51.282	ug/l	83
13) Acrolein	3.722	56	19799	228.839	ug/l	96
14) Allyl chloride	4.466	41	109537	52.707	ug/l #	85
15) Acrylonitrile	5.149	53	120324	256.721	ug/l	98
16) Acetone	3.942	43	88486	240.296	ug/l	99
17) Carbon Disulfide	4.186	76	237300	52.978	ug/l	100
18) Methyl Acetate	4.466	43	52501	41.701	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	236686	53.579	ug/l	95
20) Methylene Chloride	4.704	84	93854	42.235	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	92328	52.385	ug/l	85
22) Diisopropyl ether	6.106	45	272188	49.777	ug/l	93
23) Vinyl Acetate	6.051	43	954127	270.524	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	158310	50.844	ug/l	99
25) 2-Butanone	6.978	43	160185	256.549	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	144728	48.432	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	105254	50.721	ug/l	88
28) Bromochloromethane	7.325	49	72423	50.383	ug/l #	91
29) Tetrahydrofuran	7.338	42	109713	261.615	ug/l #	86
30) Chloroform	7.496	83	170430	50.573	ug/l	99
31) Cyclohexane	7.783	56	149999	53.109	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	154617	52.246	ug/l	98
36) 1,1-Dichloropropene	7.911	75	136061	55.367	ug/l	99
37) Ethyl Acetate	7.063	43	74328	52.806	ug/l #	95
38) Carbon Tetrachloride	7.892	117	140901	54.951	ug/l	97
39) Methylcyclohexane	9.179	83	175716	59.751	ug/l	91
40) Benzene	8.155	78	387253	53.589	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	43772m	56.108	ug/l	
42) 1,2-Dichloroethane	8.234	62	118547	53.514	ug/l	93
43) Isopropyl Acetate	8.270	43	144371	54.664	ug/l #	94
44) Trichloroethene	8.935	130	101003	54.528	ug/l	97
45) 1,2-Dichloropropane	9.209	63	97527	54.272	ug/l	100
46) Dibromomethane	9.301	93	61132	52.293	ug/l	93
47) Bromodichloromethane	9.490	83	140861	54.457	ug/l	99
48) Methyl methacrylate	9.289	41	64003	55.449	ug/l #	82
49) 1,4-Dioxane	9.289	88	17899	1156.117	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	411443	279.303	ug/l	93
52) Toluene	10.234	92	234201	48.345	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	153172	55.365	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	159788	53.237	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	85670	53.972	ug/l	97
56) Ethyl methacrylate	10.508	69	116097	56.683	ug/l	89
57) 1,3-Dichloropropane	10.788	76	140346	53.569	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	295651	281.083	ug/l	96
59) 2-Hexanone	10.831	43	291389	287.782	ug/l	92
60) Dibromochloromethane	10.977	129	102068	52.556	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83402	53.670	ug/l	100
64) Tetrachloroethene	10.715	164	91724	53.869	ug/l	99
65) Chlorobenzene	11.514	112	288597	53.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110326	54.973	ug/l	97
67) Ethyl Benzene	11.593	91	550384	56.919	ug/l	99
68) m/p-Xylenes	11.703	106	465196	117.675	ug/l	90
69) o-Xylene	12.026	106	214074	57.140	ug/l	91
70) Styrene	12.044	104	379445	57.076	ug/l	95
71) Bromoform	12.203	173	76360	55.276	ug/l #	99
73) Isopropylbenzene	12.325	105	578337	42.097	ug/l	99
74) N-amyl acetate	12.142	43	164460	43.429	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	120751	40.411	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	84465m	39.514	ug/l	
77) Bromobenzene	12.605	156	128750	40.151	ug/l	95
78) n-propylbenzene	12.666	91	745022	44.067	ug/l	100
79) 2-Chlorotoluene	12.751	91	398344	43.321	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	519260	44.182	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	42903	38.788	ug/l	92
82) 4-Chlorotoluene	12.849	91	442781	43.970	ug/l	97
83) tert-Butylbenzene	13.074	119	459914	44.997	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	531458	44.913	ug/l	98
85) sec-Butylbenzene	13.251	105	724599	53.246	ug/l	99
86) p-Isopropyltoluene	13.367	119	626092	56.637	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	312214	52.670	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306105	52.797	ug/l	99
89) n-Butylbenzene	13.696	91	573351	56.189	ug/l	98
90) Hexachloroethane	13.958	117	109422	55.340	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	274172	58.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19204	53.463	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	138916	53.969	ug/l	99
94) Hexachlorobutadiene	15.111	225	72948	51.603	ug/l	96
95) Naphthalene	15.233	128	297488	56.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	121839	54.044	ug/l	99

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

