

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010314.D
 Acq On : 03 Sep 2022 06:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 07:39:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	301191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	497547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	445644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160856	52.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.160%			
35) Dibromofluoromethane	7.716	113	153495	46.341	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.680%			
50) Toluene-d8	10.179	98	584650	52.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.483	95	201820	44.785	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	107444	44.687	ug/l	98
3) Chloromethane	2.113	50	164875	50.223	ug/l	98
4) Vinyl Chloride	2.247	62	189043	52.853	ug/l	100
5) Bromomethane	2.644	94	124351	63.427	ug/l	96
6) Chloroethane	2.790	64	122438	55.960	ug/l	100
7) Trichlorofluoromethane	3.119	101	239701	47.810	ug/l	95
8) Diethyl Ether	3.527	74	85735	47.856	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	142774	46.109	ug/l	96
10) Methyl Iodide	4.088	142	191665	51.451	ug/l	90
11) Tert butyl alcohol	4.942	59	93015	251.748	ug/l	98
12) 1,1-Dichloroethene	3.869	96	139797	46.625	ug/l	87
13) Acrolein	3.729	56	89905	229.859	ug/l	98
14) Allyl chloride	4.479	41	232253	44.011	ug/l #	94
15) Acrylonitrile	5.155	53	221897	237.706	ug/l	99
16) Acetone	3.942	43	172067	222.869	ug/l	95
17) Carbon Disulfide	4.192	76	406228	44.480	ug/l	100
18) Methyl Acetate	4.472	43	115820	48.339	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	427025	48.718	ug/l	96
20) Methylene Chloride	4.710	84	196855	52.836	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	163167	48.023	ug/l	89
22) Diisopropyl ether	6.118	45	517890	48.287	ug/l	91
23) Vinyl Acetate	6.058	43	1605930	238.810	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	296648	48.012	ug/l	98
25) 2-Butanone	6.984	43	299173	236.117	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	224298	39.858	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	192243	49.510	ug/l	89
28) Bromochloromethane	7.332	49	112577	51.973	ug/l	88
29) Tetrahydrofuran	7.344	42	195669	241.049	ug/l	89
30) Chloroform	7.502	83	304111	49.982	ug/l	99
31) Cyclohexane	7.783	56	253728	42.115	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	270442	48.781	ug/l	97
36) 1,1-Dichloropropene	7.917	75	224306	46.155	ug/l	97
37) Ethyl Acetate	7.070	43	133382	47.870	ug/l #	94
38) Carbon Tetrachloride	7.899	117	241350	48.188	ug/l	99
39) Methylcyclohexane	9.179	83	275739	43.949	ug/l	93
40) Benzene	8.155	78	665810	47.837	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	75649m	48.158	ug/l	
42) 1,2-Dichloroethane	8.234	62	199253	49.375	ug/l	93
43) Isopropyl Acetate	8.271	43	250347	47.135	ug/l #	92
44) Trichloroethene	8.941	130	184982	48.413	ug/l	100
45) 1,2-Dichloropropane	9.216	63	168127	47.413	ug/l	99
46) Dibromomethane	9.301	93	95921	49.250	ug/l	97
47) Bromodichloromethane	9.496	83	236182	49.311	ug/l	99
48) Methyl methacrylate	9.289	41	116054	46.843	ug/l #	90
49) 1,4-Dioxane	9.295	88	26695	996.113	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	679715	248.052	ug/l	93
52) Toluene	10.240	92	427873	48.057	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	235981	45.680	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	263881	45.300	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	135668	49.070	ug/l	97
56) Ethyl methacrylate	10.508	69	196068	48.001	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	235677	48.906	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	247339	224.142	ug/l	96
59) 2-Hexanone	10.831	43	465626	245.046	ug/l	90
60) Dibromochloromethane	10.983	129	169472	50.869	ug/l	100
61) 1,2-Dibromoethane	11.087	107	131545	49.234	ug/l	100
64) Tetrachloroethene	10.721	164	177783	48.917	ug/l	100
65) Chlorobenzene	11.514	112	458834	48.317	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	173364	49.717	ug/l	98
67) Ethyl Benzene	11.593	91	826511	47.529	ug/l	97
68) m/p-Xylenes	11.703	106	638249	96.079	ug/l	94
69) o-Xylene	12.026	106	307934	47.743	ug/l	94
70) Styrene	12.044	104	522512	48.633	ug/l	96
71) Bromoform	12.209	173	106581	49.445	ug/l #	99
73) Isopropylbenzene	12.331	105	803460	47.481	ug/l	100
74) N-amyl acetate	12.142	43	221390	47.422	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	157072	48.299	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	120123m	47.591	ug/l	
77) Bromobenzene	12.611	156	188943	49.083	ug/l	97
78) n-propylbenzene	12.672	91	942800	46.413	ug/l	98
79) 2-Chlorotoluene	12.758	91	539016	46.948	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	667858	47.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	50353	41.616	ug/l	91
82) 4-Chlorotoluene	12.855	91	554427	46.899	ug/l	98
83) tert-Butylbenzene	13.075	119	593518	48.185	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	661306	47.498	ug/l	98
85) sec-Butylbenzene	13.251	105	861463	47.293	ug/l	99
86) p-Isopropyltoluene	13.367	119	714019	47.455	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	361772	48.401	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	356443	47.964	ug/l	98
89) n-Butylbenzene	13.696	91	631120	44.372	ug/l	98
90) Hexachloroethane	13.959	117	137345	47.555	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	326204	48.967	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26594	46.408	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	185126	44.897	ug/l	99
94) Hexachlorobutadiene	15.111	225	109087	45.137	ug/l	98
95) Naphthalene	15.233	128	401012	46.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	163058	46.691	ug/l	99

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

