

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009360.D
 Acq On : 28 Jun 2022 11:47
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 13:43:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 13:43:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	159089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60086	37.041	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.080%		
35) Dibromofluoromethane	7.710	113	66466	42.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.920%		
50) Toluene-d8	10.179	98	213438	37.711	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.420%		
62) 4-Bromofluorobenzene	12.477	95	100731	45.608	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56816	40.892	ug/l	99
3) Chloromethane	2.107	50	61719	32.066	ug/l	94
4) Vinyl Chloride	2.247	62	76080	27.119	ug/l	99
5) Bromomethane	2.637	94	43531	15.912	ug/l	96
6) Chloroethane	2.784	64	39814	20.329	ug/l	100
7) Trichlorofluoromethane	3.119	101	100796	40.095	ug/l	93
8) Diethyl Ether	3.521	74	37575	46.402	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	68832	44.021	ug/l	96
10) Methyl Iodide	4.082	142	89693	54.784	ug/l	90
11) Tert butyl alcohol	4.942	59	45717	269.484	ug/l	99
12) 1,1-Dichloroethene	3.863	96	63235	43.517	ug/l	86
13) Acrolein	3.723	56	21422	334.432	ug/l	96
14) Allyl chloride	4.473	41	121701	53.630	ug/l	94
15) Acrylonitrile	5.155	53	113417	247.558	ug/l	98
16) Acetone	3.942	43	88402	257.058	ug/l	93
17) Carbon Disulfide	4.186	76	176615	38.157	ug/l	99
18) Methyl Acetate	4.473	43	50600	48.161	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	202955	46.111	ug/l	97
20) Methylene Chloride	4.710	84	85639	34.737	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	80990	43.280	ug/l	90
22) Diisopropyl ether	6.112	45	283910	52.248	ug/l	92
23) Vinyl Acetate	6.051	43	890379	251.443	ug/l	96
24) 1,1-Dichloroethane	6.015	63	147789	46.425	ug/l	100
25) 2-Butanone	6.978	43	153787	253.730	ug/l	91
26) 2,2-Dichloropropane	6.972	77	134148	45.805	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	96253	45.554	ug/l	91
28) Bromochloromethane	7.326	49	72025	61.505	ug/l	93
29) Tetrahydrofuran	7.344	42	103692	252.659	ug/l	94
30) Chloroform	7.502	83	152385	44.649	ug/l	96
31) Cyclohexane	7.783	56	130614	42.079	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	134992	43.924	ug/l	97
36) 1,1-Dichloropropene	7.911	75	116415	45.499	ug/l	98
37) Ethyl Acetate	7.070	43	69255	50.925	ug/l	97
38) Carbon Tetrachloride	7.893	117	122220	45.637	ug/l	97
39) Methylcyclohexane	9.179	83	139447	42.978	ug/l	92
40) Benzene	8.155	78	347457	46.920	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	47452m	68.670	ug/l	
42) 1,2-Dichloroethane	8.234	62	98664	45.541	ug/l	93
43) Isopropyl Acetate	8.271	43	129985	51.659	ug/l	93
44) Trichloroethene	8.935	130	92880	47.221	ug/l	99
45) 1,2-Dichloropropane	9.209	63	90411	50.334	ug/l	99
46) Dibromomethane	9.301	93	50077	44.693	ug/l	97
47) Bromodichloromethane	9.496	83	118357	45.953	ug/l	94
48) Methyl methacrylate	9.289	41	56060	50.525	ug/l #	86
49) 1,4-Dioxane	9.295	88	13371	892.362	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	335846	245.351	ug/l	92
52) Toluene	10.240	92	224845	44.310	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	128424	47.172	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	145758	49.062	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	70328	44.998	ug/l	96
56) Ethyl methacrylate	10.508	69	96377	48.111	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	123393	47.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	252507	280.337	ug/l	98
59) 2-Hexanone	10.831	43	233040	249.489	ug/l	91
60) Dibromochloromethane	10.984	129	87784	46.215	ug/l	99
61) 1,2-Dibromoethane	11.087	107	66825	43.504	ug/l	99
64) Tetrachloroethene	10.715	164	101858	58.284	ug/l	97
65) Chlorobenzene	11.514	112	244521	46.616	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	88775	46.486	ug/l	97
67) Ethyl Benzene	11.593	91	430967	46.144	ug/l	97
68) m/p-Xylenes	11.697	106	334230	89.497	ug/l	93
69) o-Xylene	12.026	106	160582	45.994	ug/l	92
70) Styrene	12.044	104	270654	45.586	ug/l	95
71) Bromoform	12.203	173	55698	44.707	ug/l #	100
73) Isopropylbenzene	12.325	105	424921	49.435	ug/l	99
74) N-amyl acetate	12.142	43	113396	55.888	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	79782	45.414	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	61112m	49.831	ug/l	
77) Bromobenzene	12.605	156	99675	49.680	ug/l	94
78) n-propylbenzene	12.672	91	505993	48.121	ug/l	98
79) 2-Chlorotoluene	12.752	91	285544	49.965	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	353557	49.586	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	30359	50.180	ug/l #	85
82) 4-Chlorotoluene	12.855	91	297501	49.262	ug/l	96
83) tert-Butylbenzene	13.075	119	310424	49.061	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	349540	49.542	ug/l	97
85) sec-Butylbenzene	13.251	105	459970	47.954	ug/l	98
86) p-Isopropyltoluene	13.367	119	384844	48.201	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	195322	46.823	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	196814	46.885	ug/l	98
89) n-Butylbenzene	13.696	91	320695	44.340	ug/l	99
90) Hexachloroethane	13.959	117	72226	47.735	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	171776	46.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12990	47.551	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	102365	49.437	ug/l	98
94) Hexachlorobutadiene	15.111	225	57822	50.828	ug/l	98
95) Naphthalene	15.233	128	215479	51.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	91792	50.671	ug/l	98

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

