

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009312.D
 Acq On : 24 Jun 2022 15:39
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:35:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 06:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	286904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	216355	102.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 204.860%#			
35) Dibromofluoromethane	7.710	113	237639	116.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 233.120%#			
50) Toluene-d8	10.173	98	708385	92.676	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 185.360%#			
62) 4-Bromofluorobenzene	12.477	95	344046	123.347	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 246.700%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	253698	168.211	ug/l	99
3) Chloromethane	2.107	50	257183	140.618	ug/l	97
4) Vinyl Chloride	2.241	62	269587	133.642	ug/l	100
5) Bromomethane	2.613	94	206103	149.223	ug/l	97
6) Chloroethane	2.765	64	160966	123.938	ug/l	97
7) Trichlorofluoromethane	3.107	101	378687	121.186	ug/l	98
8) Diethyl Ether	3.521	74	176530	152.148	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	297966	147.876	ug/l	99
10) Methyl Iodide	4.076	142	410760	165.693	ug/l	97
11) Tert butyl alcohol	4.954	59	169084	407.569	ug/l	98
12) 1,1-Dichloroethene	3.857	96	296163	153.134	ug/l	98
13) Acrolein	3.716	56	149672	1433.014	ug/l	97
14) Allyl chloride	4.466	41	466054	135.018	ug/l	96
15) Acrylonitrile	5.149	53	414895	645.413	ug/l	100
16) Acetone	3.936	43	338004	612.225	ug/l	95
17) Carbon Disulfide	4.180	76	937813	171.055	ug/l	99
18) Methyl Acetate	4.466	43	194741	104.987	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	806656	141.000	ug/l	98
20) Methylene Chloride	4.698	84	322563	90.819	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	321999	141.294	ug/l	98
22) Diisopropyl ether	6.112	45	898035	126.258	ug/l	97
23) Vinyl Acetate	6.051	43	3062113	697.544	ug/l	100
24) 1,1-Dichloroethane	6.009	63	535911	131.742	ug/l	99
25) 2-Butanone	6.978	43	515017	592.776	ug/l	97
26) 2,2-Dichloropropane	6.972	77	485342	127.309	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	357415	136.183	ug/l	96
28) Bromochloromethane	7.326	49	226085	127.798	ug/l	91
29) Tetrahydrofuran	7.338	42	347772	633.522	ug/l	96
30) Chloroform	7.496	83	555522	133.645	ug/l	99
31) Cyclohexane	7.777	56	484804	128.024	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	510908	140.290	ug/l	99
36) 1,1-Dichloropropene	7.911	75	431426	135.967	ug/l	100
37) Ethyl Acetate	7.069	43	235041	122.821	ug/l	100
38) Carbon Tetrachloride	7.893	117	468102	141.921	ug/l	100
39) Methylcyclohexane	9.179	83	550243	140.819	ug/l	99
40) Benzene	8.155	78	1233969	131.901	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	106863m	103.358	ug/l	
42) 1,2-Dichloroethane	8.228	62	370615	137.879	ug/l	98
43) Isopropyl Acetate	8.264	43	448231	128.150	ug/l	100
44) Trichloroethene	8.935	130	356548	135.231	ug/l	95
45) 1,2-Dichloropropane	9.209	63	300721	125.704	ug/l	97
46) Dibromomethane	9.301	93	181036	132.110	ug/l	97
47) Bromodichloromethane	9.490	83	433016	133.924	ug/l	99
48) Methyl methacrylate	9.289	41	202454	132.329	ug/l	99
49) 1,4-Dioxane	9.295	88	51152	2587.692	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	1124755	619.965	ug/l	99
52) Toluene	10.240	92	778790	132.075	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	459039	136.351	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	515090	134.608	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	245382	128.720	ug/l	99
56) Ethyl methacrylate	10.508	69	351980	139.190	ug/l	98
57) 1,3-Dichloropropane	10.782	76	420323	128.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	873858	771.165	ug/l	97
59) 2-Hexanone	10.825	43	791199	643.366	ug/l	100
60) Dibromochloromethane	10.977	129	310222	133.078	ug/l	99
61) 1,2-Dibromoethane	11.081	107	246782	131.511	ug/l	98
64) Tetrachloroethene	10.715	164	346970	127.163	ug/l	98
65) Chlorobenzene	11.514	112	828075	130.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	305270	131.777	ug/l	99
67) Ethyl Benzene	11.587	91	1474971	134.160	ug/l	99
68) m/p-Xylenes	11.697	106	1160684	268.519	ug/l	98
69) o-Xylene	12.026	106	559413	136.698	ug/l	98
70) Styrene	12.038	104	950884	139.794	ug/l	99
71) Bromoform	12.203	173	200075	140.125	ug/l	100
73) Isopropylbenzene	12.325	105	1461817	136.777	ug/l	100
74) N-amyl acetate	12.136	43	407819	142.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	267723	131.451	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	185908m	117.619	ug/l	
77) Bromobenzene	12.605	156	346163	133.076	ug/l	100
78) n-propylbenzene	12.666	91	1742373	135.180	ug/l	99
79) 2-Chlorotoluene	12.751	91	980144	134.862	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	1219495	137.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	105876	140.567	ug/l	99
82) 4-Chlorotoluene	12.849	91	1020492	134.692	ug/l	99
83) tert-Butylbenzene	13.068	119	1074580	138.746	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	1197987	137.647	ug/l	99
85) sec-Butylbenzene	13.251	105	1551915	133.895	ug/l	100
86) p-Isopropyltoluene	13.367	119	1310498	136.165	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	666108	132.151	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	675258	133.648	ug/l	99
89) n-Butylbenzene	13.690	91	1214937	135.589	ug/l	100
90) Hexachloroethane	13.959	117	243114	133.597	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	608212	134.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	49107	135.102	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	384686	140.373	ug/l	99
94) Hexachlorobutadiene	15.111	225	193330	130.679	ug/l	98
95) Naphthalene	15.233	128	835352	151.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	336308	142.663	ug/l	98

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

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