

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009313.D
 Acq On : 24 Jun 2022 17:04
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 25 06:36:50 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	289855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145261	66.876	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.760%			
35) Dibromofluoromethane	7.710	113	164453	78.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 157.600%#			
50) Toluene-d8	10.173	98	481922	61.593	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 123.180%			
62) 4-Bromofluorobenzene	12.477	95	226443	79.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 158.620%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	146734	94.604	ug/l	97
3) Chloromethane	2.107	50	182722	97.147	ug/l	95
4) Vinyl Chloride	2.241	62	195856	94.410	ug/l	100
5) Bromomethane	2.619	94	133297	93.845	ug/l	98
6) Chloroethane	2.778	64	102398	76.666	ug/l	99
7) Trichlorofluoromethane	3.113	101	246288	76.640	ug/l	99
8) Diethyl Ether	3.521	74	109649	91.895	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	185839	89.682	ug/l	100
10) Methyl Iodide	4.076	142	250105	98.102	ug/l	98
11) Tert butyl alcohol	4.948	59	118975	278.865	ug/l	97
12) 1,1-Dichloroethene	3.857	96	183240	92.130	ug/l	94
13) Acrolein	3.716	56	96464	898.081	ug/l	99
14) Allyl chloride	4.460	41	337183	94.987	ug/l	99
15) Acrylonitrile	5.149	53	304927	461.250	ug/l	100
16) Acetone	3.936	43	302863	533.428	ug/l	97
17) Carbon Disulfide	4.180	76	597016	105.888	ug/l	98
18) Methyl Acetate	4.466	43	141689	74.277	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	555666	94.446	ug/l	98
20) Methylene Chloride	4.698	84	213850	58.548	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	224072	95.608	ug/l	98
22) Diisopropyl ether	6.106	45	622280	85.073	ug/l	96
23) Vinyl Acetate	6.045	43	2142524	474.588	ug/l	99
24) 1,1-Dichloroethane	6.003	63	376744	90.057	ug/l	97
25) 2-Butanone	6.972	43	417677	467.466	ug/l	98
26) 2,2-Dichloropropane	6.966	77	340233	86.782	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	247608	91.740	ug/l	97
28) Bromochloromethane	7.325	49	162017	89.054	ug/l	94
29) Tetrahydrofuran	7.338	42	252237	446.803	ug/l	97
30) Chloroform	7.496	83	381943	89.349	ug/l	99
31) Cyclohexane	7.777	56	340075	87.325	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	339462	90.639	ug/l	99
36) 1,1-Dichloropropene	7.911	75	294884	90.789	ug/l	100
37) Ethyl Acetate	7.063	43	170798	87.190	ug/l	98
38) Carbon Tetrachloride	7.892	117	308207	91.286	ug/l	99
39) Methylcyclohexane	9.179	83	371210	92.807	ug/l	98
40) Benzene	8.149	78	848878	88.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	82838m	78.272	ug/l	
42) 1,2-Dichloroethane	8.228	62	244404	88.826	ug/l	99
43) Isopropyl Acetate	8.264	43	315003	87.981	ug/l	99
44) Trichloroethene	8.935	130	240438	89.088	ug/l	98
45) 1,2-Dichloropropane	9.209	63	208953	85.328	ug/l	99
46) Dibromomethane	9.301	93	122637	87.427	ug/l	98
47) Bromodichloromethane	9.490	83	286917	86.690	ug/l	99
48) Methyl methacrylate	9.289	41	142238	90.824	ug/l	96
49) 1,4-Dioxane	9.289	88	35532	1756.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	779906	419.960	ug/l	99
52) Toluene	10.240	92	517565	85.748	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	309145	89.707	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	346947	88.574	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	165203	84.660	ug/l	98
56) Ethyl methacrylate	10.502	69	236902	91.520	ug/l	99
57) 1,3-Dichloropropane	10.782	76	286375	85.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	624357	538.264	ug/l	98
59) 2-Hexanone	10.825	43	565806	449.466	ug/l	99
60) Dibromochloromethane	10.977	129	209355	87.735	ug/l	98
61) 1,2-Dibromoethane	11.081	107	165296	86.053	ug/l	97
64) Tetrachloroethene	10.715	164	239487	86.877	ug/l	95
65) Chlorobenzene	11.514	112	553500	86.235	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	201995	86.308	ug/l	99
67) Ethyl Benzene	11.587	91	972801	87.583	ug/l	99
68) m/p-Xylenes	11.697	106	761450	174.364	ug/l	98
69) o-Xylene	12.026	106	364197	88.089	ug/l	99
70) Styrene	12.038	104	615330	89.542	ug/l	99
71) Bromoform	12.203	173	132245	91.677	ug/l #	98
73) Isopropylbenzene	12.325	105	952719	87.205	ug/l	100
74) N-amyl acetate	12.142	43	264187	90.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	179057	86.006	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	130627m	80.848	ug/l	
77) Bromobenzene	12.605	156	229119	86.166	ug/l	100
78) n-propylbenzene	12.666	91	1140889	86.591	ug/l	99
79) 2-Chlorotoluene	12.751	91	640449	86.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	794406	87.349	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	70304	91.311	ug/l	98
82) 4-Chlorotoluene	12.849	91	666172	86.015	ug/l	100
83) tert-Butylbenzene	13.074	119	694697	87.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	785961	88.343	ug/l	98
85) sec-Butylbenzene	13.251	105	1026730	86.658	ug/l	100
86) p-Isopropyltoluene	13.367	119	863582	87.779	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	438893	85.181	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	438101	84.825	ug/l	99
89) n-Butylbenzene	13.690	91	797799	87.100	ug/l	100
90) Hexachloroethane	13.958	117	164415	88.386	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	401848	87.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31588	85.015	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	252972	90.304	ug/l	100
94) Hexachlorobutadiene	15.111	225	134400	88.871	ug/l	98
95) Naphthalene	15.233	128	541219	96.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	218332	90.604	ug/l	98

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

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