

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009311.D
 Acq On : 24 Jun 2022 15:17
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 25 06:35:09 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	204339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	287650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143552	67.098	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.200%			
35) Dibromofluoromethane	7.710	113	163178	79.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 159.680%#			
50) Toluene-d8	10.173	98	479038	62.517	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.040%			
62) 4-Bromofluorobenzene	12.477	95	227711	81.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 162.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	158226	103.571	ug/l	98
3) Chloromethane	2.107	50	177048	95.568	ug/l	98
4) Vinyl Chloride	2.241	62	190792	93.374	ug/l	100
5) Bromomethane	2.619	94	130152	93.030	ug/l	96
6) Chloroethane	2.778	64	105680	80.331	ug/l	98
7) Trichlorofluoromethane	3.113	101	248979	78.660	ug/l	99
8) Diethyl Ether	3.521	74	74175	63.114	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	136918	67.083	ug/l	93
10) Methyl Iodide	4.076	142	211606	84.269	ug/l	100
11) Tert butyl alcohol	4.942	59	73591	175.124	ug/l	96
12) 1,1-Dichloroethene	3.863	96	131997	67.379	ug/l	93
13) Acrolein	3.716	56	56883	537.667	ug/l	98
14) Allyl chloride	4.466	41	187689	53.681	ug/l	88
15) Acrylonitrile	5.149	53	170907	262.471	ug/l	99
16) Acetone	3.936	43	148033	264.709	ug/l	94
17) Carbon Disulfide	4.180	76	395990	71.306	ug/l	99
18) Methyl Acetate	4.466	43	78849	41.966	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	361961	62.462	ug/l	97
20) Methylene Chloride	4.704	84	142349	39.567	ug/l #	90
21) trans-1,2-Dichloroethene	5.210	96	148879	64.495	ug/l	93
22) Diisopropyl ether	6.112	45	393623	54.634	ug/l	93
23) Vinyl Acetate	6.051	43	1350710	303.762	ug/l	98
24) 1,1-Dichloroethane	6.009	63	233944	56.776	ug/l	98
25) 2-Butanone	6.978	43	359656	408.675	ug/l	95
26) 2,2-Dichloropropane	6.972	77	334987	86.748	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	245555	92.368	ug/l	97
28) Bromochloromethane	7.325	49	156999	87.614	ug/l	92
29) Tetrahydrofuran	7.338	42	236807	425.876	ug/l	96
30) Chloroform	7.502	83	381267	90.553	ug/l	98
31) Cyclohexane	7.777	56	336772	87.797	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	342095	92.737	ug/l	100
36) 1,1-Dichloropropene	7.911	75	296643	93.259	ug/l	100
37) Ethyl Acetate	7.063	43	161618	84.246	ug/l	99
38) Carbon Tetrachloride	7.892	117	311260	94.137	ug/l	98
39) Methylcyclohexane	9.179	83	369223	94.260	ug/l	98
40) Benzene	8.155	78	843747	89.968	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	86479m	83.437	ug/l	
42) 1,2-Dichloroethane	8.234	62	245755	91.203	ug/l	100
43) Isopropyl Acetate	8.264	43	305249	87.056	ug/l	99
44) Trichloroethene	8.935	130	243398	92.088	ug/l	96
45) 1,2-Dichloropropane	9.209	63	207303	86.441	ug/l	97
46) Dibromomethane	9.301	93	123316	89.768	ug/l	98
47) Bromodichloromethane	9.490	83	291741	90.008	ug/l	100
48) Methyl methacrylate	9.289	41	134255	87.537	ug/l	98
49) 1,4-Dioxane	9.289	88	34853	1758.817	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	753247	414.169	ug/l	99
52) Toluene	10.240	92	531497	89.915	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	309190	91.614	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	348672	90.894	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	169611	88.754	ug/l	97
56) Ethyl methacrylate	10.508	69	233820	92.236	ug/l	99
57) 1,3-Dichloropropane	10.788	76	288336	87.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	600226	528.386	ug/l	98
59) 2-Hexanone	10.825	43	526479	427.055	ug/l	99
60) Dibromochloromethane	10.977	129	210851	90.227	ug/l	99
61) 1,2-Dibromoethane	11.081	107	166461	88.489	ug/l	97
64) Tetrachloroethene	10.715	164	246350	90.052	ug/l	94
65) Chlorobenzene	11.514	112	569185	89.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	207039	89.142	ug/l	99
67) Ethyl Benzene	11.587	91	1004665	91.145	ug/l	97
68) m/p-Xylenes	11.697	106	783749	180.846	ug/l	99
69) o-Xylene	12.026	106	375155	91.435	ug/l	98
70) Styrene	12.038	104	637688	93.507	ug/l	99
71) Bromoform	12.203	173	133201	93.047	ug/l #	100
73) Isopropylbenzene	12.325	105	985193	92.007	ug/l	100
74) N-amyl acetate	12.142	43	269080	93.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	179748	88.089	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	126703m	80.010	ug/l	
77) Bromobenzene	12.605	156	235158	90.231	ug/l	99
78) n-propylbenzene	12.666	91	1173084	90.840	ug/l	99
79) 2-Chlorotoluene	12.751	91	661151	90.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	824217	92.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	70374	93.256	ug/l	98
82) 4-Chlorotoluene	12.849	91	690045	90.905	ug/l	100
83) tert-Butylbenzene	13.068	119	726120	93.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	819142	93.940	ug/l	99
85) sec-Butylbenzene	13.251	105	1053263	90.701	ug/l	100
86) p-Isopropyltoluene	13.367	119	895403	92.859	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	457613	90.615	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	462185	91.303	ug/l	100
89) n-Butylbenzene	13.690	91	824965	91.893	ug/l	99
90) Hexachloroethane	13.958	117	163454	89.652	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	415354	91.843	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32328	88.772	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	267803	97.537	ug/l	99
94) Hexachlorobutadiene	15.111	225	139266	93.957	ug/l	98
95) Naphthalene	15.233	128	565990	102.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	233736	98.964	ug/l	99

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

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