

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049527.D
 Acq On : 29 Jun 2022 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 00:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	219999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	383632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	351628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	170351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	162878	48.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.286	113	128586	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	7.896	98	458751	47.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.840%		
62) 4-Bromofluorobenzene	10.633	95	173926	47.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	156031	44.136	ug/l	98
3) Chloromethane	1.520	50	188814	43.575	ug/l	98
4) Vinyl Chloride	1.601	62	163787	46.018	ug/l	99
5) Bromomethane	1.845	94	58172	52.563	ug/l	97
6) Chloroethane	1.919	64	93498	56.679	ug/l	98
7) Trichlorofluoromethane	2.128	101	200417	44.183	ug/l	99
8) Diethyl Ether	2.372	74	84341	51.474	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.575	101	120196	49.250	ug/l	96
10) Methyl Iodide	2.717	142	158835	63.787	ug/l	96
11) Tert butyl alcohol	3.189	59	267258	337.011	ug/l #	47
12) 1,1-Dichloroethene	2.575	96	117338	49.106	ug/l	91
13) Acrolein	2.485	56	71885	133.853	ug/l	100
14) Allyl chloride	2.919	41	242766	50.271	ug/l #	86
15) Acrylonitrile	3.311	53	531288	278.559	ug/l	99
16) Acetone	2.626	43	437959	256.325	ug/l	99
17) Carbon Disulfide	2.787	76	324472	43.543	ug/l	100
18) Methyl Acetate	2.948	43	253700	54.851	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	475908	53.551	ug/l	97
20) Methylene Chloride	3.041	84	155012	54.568	ug/l	89
21) trans-1,2-Dichloroethene	3.347	96	129291	50.194	ug/l	92
22) Diisopropyl ether	3.990	45	483382	52.426	ug/l #	75
23) Vinyl Acetate	3.951	43	213877	264.653	ug/l	95
24) 1,1-Dichloroethane	3.864	63	269318	50.851	ug/l	98
25) 2-Butanone	4.700	43	726112	283.571	ug/l	95
26) 2,2-Dichloropropane	4.662	77	178686	40.537	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	158357	53.209	ug/l	92
28) Bromochloromethane	4.970	49	117685	50.836	ug/l #	76
29) Tetrahydrofuran	5.048	42	483494	275.245	ug/l	88
30) Chloroform	5.086	83	263374	50.272	ug/l	99
31) Cyclohexane	5.385	56	229902	45.191	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	220667	48.545	ug/l	99
36) 1,1-Dichloropropene	5.523	75	183187	47.071	ug/l	98
37) Ethyl Acetate	4.800	43	272747	51.288	ug/l #	95
38) Carbon Tetrachloride	5.523	117	186930	45.800	ug/l	99
39) Methylcyclohexane	6.761	83	218151	46.765	ug/l	93
40) Benzene	5.771	78	581445	49.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	142628	53.525	ug/l	88
42) 1,2-Dichloroethane	5.790	62	210082	48.040	ug/l	100
43) Isopropyl Acetate	5.909	43	400200	51.359	ug/l	96
44) Trichloroethene	6.540	130	140580	50.330	ug/l	91
45) 1,2-Dichloropropane	6.790	63	162380	49.875	ug/l	98
46) Dibromomethane	6.916	93	109604	50.494	ug/l	91
47) Bromodichloromethane	7.105	83	205251	49.128	ug/l	99
48) Methyl methacrylate	6.957	41	191759	52.511	ug/l	88
49) 1,4-Dioxane	6.980	88	109603	1171.516	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1346888	258.272	ug/l	96
52) Toluene	7.967	92	351368	50.313	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	220508	49.204	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	243742	50.938	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	150327	52.063	ug/l	98
56) Ethyl methacrylate	8.334	69	258086	53.442	ug/l	92
57) 1,3-Dichloropropane	8.575	76	257313	50.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	151595	394.572	ug/l	94
59) 2-Hexanone	8.684	43	1059773	258.417	ug/l	95
60) Dibromochloromethane	8.810	129	154438	51.435	ug/l	99
61) 1,2-Dibromoethane	8.922	107	159549	50.706	ug/l	99
64) Tetrachloroethene	8.552	164	109929	48.742	ug/l	93
65) Chlorobenzene	9.446	112	362284	50.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	139929	51.600	ug/l	97
67) Ethyl Benzene	9.568	91	666386	50.495	ug/l	96
68) m/p-Xylenes	9.694	106	500084	102.413	ug/l	91
69) o-Xylene	10.099	106	250668	51.710	ug/l	91
70) Styrene	10.112	104	412780	52.995	ug/l	96
71) Bromoform	10.289	173	120129	51.650	ug/l #	99
73) Isopropylbenzene	10.485	105	636444	52.446	ug/l	96
74) N-amyl acetate	10.321	43	337783	52.592	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.781	83	267646	52.067	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	296151	51.284	ug/l	99
77) Bromobenzene	10.781	156	155398	52.462	ug/l	86
78) n-propylbenzene	10.906	91	746032	50.594	ug/l	96
79) 2-Chlorotoluene	10.983	91	456958	50.299	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	542151	51.175	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	75946	48.567	ug/l	94
82) 4-Chlorotoluene	11.096	91	521149	51.005	ug/l	93
83) tert-Butylbenzene	11.420	119	534431	51.288	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	547892	52.643	ug/l	94
85) sec-Butylbenzene	11.642	105	649530	49.579	ug/l	97
86) p-Isopropyltoluene	11.793	119	534550	50.454	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	282220	49.836	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	278570	48.942	ug/l	96
89) n-Butylbenzene	12.208	91	462980	47.207	ug/l	98
90) Hexachloroethane	12.475	117	95231	45.128	ug/l	88
91) 1,2-Dichlorobenzene	12.211	146	292308	51.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	68951	52.311	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	189502	49.639	ug/l	98
94) Hexachlorobutadiene	14.022	225	74282	42.085	ug/l	98
95) Naphthalene	14.083	128	707640	52.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	196149	49.966	ug/l	98

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

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