

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049471.D
 Acq On : 28 Jun 2022 20:17
 Operator : SY/MD
 Sample : N3458-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MS

Quant Time: Jun 29 05:22:26 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	256560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	448925	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	402422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	189760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192532	48.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.460%
35) Dibromofluoromethane	5.289	113	154811	49.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	7.896	98	567883	50.693	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.380%
62) 4-Bromofluorobenzene	10.633	95	211677	49.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	192163	46.611	ug/l	99
3) Chloromethane	1.520	50	215648	42.658	ug/l	97
4) Vinyl Chloride	1.604	62	198192	47.749	ug/l	100
5) Bromomethane	1.848	94	62271	48.248	ug/l	100
6) Chloroethane	1.922	64	111916	58.125	ug/l	99
7) Trichlorofluoromethane	2.131	101	244695	46.258	ug/l	98
8) Diethyl Ether	2.376	74	99867	52.264	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	184394	64.787	ug/l	95
10) Methyl Iodide	2.716	142	185731	63.939	ug/l	95
11) Tert butyl alcohol	3.199	59	293885	317.777	ug/l	# 47
12) 1,1-Dichloroethene	2.575	96	150177	53.893	ug/l	94
13) Acrolein	2.485	56	100412	160.328	ug/l	100
14) Allyl chloride	2.919	41	284366	50.494	ug/l	# 87
15) Acrylonitrile	3.311	53	597690	268.717	ug/l	99
16) Acetone	2.630	43	486260	244.038	ug/l	100
17) Carbon Disulfide	2.787	76	410491	47.236	ug/l	100
18) Methyl Acetate	2.948	43	260639	48.321	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	553279	53.385	ug/l	99
20) Methylene Chloride	3.041	84	176501	53.261	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	155443	51.747	ug/l	92
22) Diisopropyl ether	3.993	45	558618	51.952	ug/l	# 72
23) Vinyl Acetate	3.954	43	2368356	251.299	ug/l	95
24) 1,1-Dichloroethane	3.868	63	316292	51.210	ug/l	97
25) 2-Butanone	4.700	43	808341	270.698	ug/l	95
26) 2,2-Dichloropropane	4.665	77	215484	41.919	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	191141	55.072	ug/l	93
28) Bromochloromethane	4.974	49	138168	51.179	ug/l	# 78
29) Tetrahydrofuran	5.051	42	542179	264.669	ug/l	88
30) Chloroform	5.089	83	307114	50.267	ug/l	99
31) Cyclohexane	5.385	56	285143	48.062	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	267249	50.414	ug/l	100
36) 1,1-Dichloropropene	5.523	75	217837	47.833	ug/l	98
37) Ethyl Acetate	4.803	43	288197	46.311	ug/l	# 93
38) Carbon Tetrachloride	5.523	117	229368	48.024	ug/l	100
39) Methylcyclohexane	6.761	83	262860	48.154	ug/l	91
40) Benzene	5.774	78	683071	49.680	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	158714	50.899	ug/l	90
42) 1,2-Dichloroethane	5.794	62	241713	47.234	ug/l	100
43) Isopropyl Acetate	5.909	43	441689	48.439	ug/l	97
44) Trichloroethene	6.540	130	412622	126.240	ug/l	89
45) 1,2-Dichloropropane	6.790	63	188776	49.550	ug/l	98
46) Dibromomethane	6.916	93	124981	49.203	ug/l	92
47) Bromodichloromethane	7.105	83	234348	47.934	ug/l	97
48) Methyl methacrylate	6.957	41	216227	50.600	ug/l	88
49) 1,4-Dioxane	6.980	88	126045	1151.310	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1501056	245.971	ug/l	97
52) Toluene	7.967	92	415753	50.874	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	255462	48.713	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	280241	50.048	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	171374	50.720	ug/l	97
56) Ethyl methacrylate	8.334	69	299530	53.003	ug/l	94
57) 1,3-Dichloropropane	8.575	76	297483	49.632	ug/l	100
59) 2-Hexanone	8.684	43	1177839	245.435	ug/l	96
60) Dibromochloromethane	8.809	129	178213	50.720	ug/l	99
61) 1,2-Dibromoethane	8.922	107	186044	50.526	ug/l	99
64) Tetrachloroethene	8.552	164	128567	49.811	ug/l	93
65) Chlorobenzene	9.446	112	418277	50.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	161948	52.181	ug/l	97
67) Ethyl Benzene	9.568	91	779359	51.601	ug/l	96
68) m/p-Xylenes	9.694	106	586238	104.903	ug/l	92
69) o-Xylene	10.099	106	290166	52.302	ug/l	89
70) Styrene	10.112	104	477975	53.620	ug/l	96
71) Bromoform	10.292	173	139012	52.225	ug/l #	100
73) Isopropylbenzene	10.485	105	749682	55.459	ug/l	96
74) N-amyl acetate	10.321	43	367415	51.355	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	300932	52.554	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	334760	52.040	ug/l	99
77) Bromobenzene	10.780	156	178192	54.004	ug/l	86
78) n-propylbenzene	10.906	91	880902	53.630	ug/l	96
79) 2-Chlorotoluene	10.986	91	528181	52.193	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	635087	53.815	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	87892	50.457	ug/l	95
82) 4-Chlorotoluene	11.096	91	594577	52.240	ug/l	93
83) tert-Butylbenzene	11.420	119	625038	53.848	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	633903	54.677	ug/l	94
85) sec-Butylbenzene	11.642	105	760153	52.088	ug/l	97
86) p-Isopropyltoluene	11.793	119	625695	53.016	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	320095	50.743	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	320881	50.609	ug/l	98
89) n-Butylbenzene	12.208	91	544957	49.882	ug/l	98
90) Hexachloroethane	12.475	117	113538	48.300	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	330126	52.084	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	79164	53.916	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	211338	49.695	ug/l	98
94) Hexachlorobutadiene	14.022	225	86546	44.018	ug/l	99
95) Naphthalene	14.086	128	827403	55.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	221520	50.641	ug/l	97

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

