

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048948.D
 Acq On : 08 Jun 2022 06:56
 Operator : SY/MD
 Sample : N3166-12MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

Quant Time: Jun 08 09:18:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	163794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	269740	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	256547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	145055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	137588	55.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.860%
35) Dibromofluoromethane	5.288	113	105824	54.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.980%
50) Toluene-d8	7.899	98	353512	51.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	10.632	95	139804	53.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	82979	44.254	ug/l	99
3) Chloromethane	1.520	50	115458	47.832	ug/l	99
4) Vinyl Chloride	1.604	62	106872	47.803	ug/l	99
5) Bromomethane	1.832	94	53316	42.177	ug/l	98
6) Chloroethane	1.912	64	61951	50.492	ug/l	100
7) Trichlorofluoromethane	2.128	101	154031	48.241	ug/l	99
8) Diethyl Ether	2.375	74	59438	50.445	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	83525	47.789	ug/l	97
10) Methyl Iodide	2.716	142	124157	47.954	ug/l	100
11) Tert butyl alcohol	3.192	59	209728	336.293	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	78573	47.132	ug/l	96
13) Acrolein	2.481	56	40785	196.436	ug/l	96
14) Allyl chloride	2.919	41	157160	48.673	ug/l	97
15) Acrylonitrile	3.308	53	410427	303.441	ug/l	98
16) Acetone	2.623	43	370682	295.691	ug/l	100
17) Carbon Disulfide	2.787	76	181939	37.385	ug/l	100
18) Methyl Acetate	2.944	43	164629	52.305	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	352716	55.761	ug/l	99
20) Methylene Chloride	3.041	84	105668	49.568	ug/l	97
21) trans-1,2-Dichloroethene	3.349	96	89699	47.038	ug/l	97
22) Diisopropyl ether	3.989	45	350076	58.776	ug/l	94
23) Vinyl Acetate	3.951	43	1187088	230.038	ug/l	99
24) 1,1-Dichloroethane	3.867	63	201115	53.764	ug/l	99
25) 2-Butanone	4.697	43	559800	310.839	ug/l	99
26) 2,2-Dichloropropane	4.661	77	94317	28.104	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	112165	50.816	ug/l	94
28) Bromochloromethane	4.970	49	86052	58.649	ug/l	99
29) Tetrahydrofuran	5.047	42	355040	312.978	ug/l	98
30) Chloroform	5.086	83	207490	55.436	ug/l	99
31) Cyclohexane	5.388	56	142869	46.087	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	177201	52.183	ug/l	98
36) 1,1-Dichloropropene	5.523	75	127881	45.532	ug/l	99
37) Ethyl Acetate	4.800	43	276505	77.876	ug/l	99
38) Carbon Tetrachloride	5.523	117	151439	46.999	ug/l	100
39) Methylcyclohexane	6.761	83	135518	46.018	ug/l	98
40) Benzene	5.774	78	404554	48.790	ug/l	100

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41) Methacrylonitrile	4.970	41	106435	59.321	ug/l	99
42) 1,2-Dichloroethane	5.793	62	168276	51.843	ug/l	99
43) Isopropyl Acetate	5.909	43	258889	50.237	ug/l	100
44) Trichloroethene	6.542	130	101518	47.522	ug/l	97
45) 1,2-Dichloropropane	6.790	63	120204	57.583	ug/l	98
46) Dibromomethane	6.918	93	81506	52.261	ug/l	98
47) Bromodichloromethane	7.105	83	162870	51.641	ug/l	99
48) Methyl methacrylate	6.957	41	132965	57.475	ug/l	98
49) 1,4-Dioxane	6.963	88	78215	1512.393	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1088440	325.276	ug/l	99
52) Toluene	7.970	92	256560	51.729	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	159896	46.998	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	162342	46.048	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	116872	53.393	ug/l	98
56) Ethyl methacrylate	8.333	69	184973	53.295	ug/l	100
57) 1,3-Dichloropropane	8.574	76	190561	51.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.449	63	120	29.893	ug/l #	47
59) 2-Hexanone	8.684	43	875356	318.643	ug/l	98
60) Dibromochloromethane	8.809	129	125696	51.228	ug/l	100
61) 1,2-Dibromoethane	8.925	107	118340	49.091	ug/l	100
64) Tetrachloroethene	8.552	164	83254	46.659	ug/l	96
65) Chlorobenzene	9.446	112	279728	51.553	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	114555	55.621	ug/l	97
67) Ethyl Benzene	9.571	91	472922	51.677	ug/l	99
68) m/p-Xylenes	9.693	106	380143	106.208	ug/l	99
69) o-Xylene	10.098	106	190938	54.299	ug/l	97
70) Styrene	10.114	104	327068	56.547	ug/l	99
71) Bromoform	10.291	173	106791	56.080	ug/l #	100
73) Isopropylbenzene	10.484	105	495531	52.915	ug/l	99
74) N-amyl acetate	10.320	43	197793	42.128	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	232619	60.870	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	249031	53.247	ug/l	99
77) Bromobenzene	10.783	156	127169	50.564	ug/l	99
78) n-propylbenzene	10.905	91	570141	51.093	ug/l	100
79) 2-Chlorotoluene	10.986	91	364236	52.488	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	448777	55.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	56104	43.556	ug/l	96
82) 4-Chlorotoluene	11.095	91	424275	52.991	ug/l	99
83) tert-Butylbenzene	11.420	119	436099	55.795	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	439549	50.079	ug/l	99
85) sec-Butylbenzene	11.645	105	530657	54.269	ug/l	98
86) p-Isopropyltoluene	11.793	119	453464	54.002	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	243124	49.305	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	243737	47.844	ug/l	99
89) n-Butylbenzene	12.208	91	372731	44.593	ug/l	99
90) Hexachloroethane	12.475	117	90072	52.559	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	268501	53.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	61346	55.752	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	142111	43.475	ug/l	98
94) Hexachlorobutadiene	14.021	225	76960	49.119	ug/l	99
95) Naphthalene	14.085	128	449667	39.921	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	148181	45.769	ug/l	99

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

