

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048844.D
 Acq On : 03 Jun 2022 07:57
 Operator : SY/MD
 Sample : N3112-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GR-OF-20220527MS

Quant Time: Jun 03 08:54:29 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	197748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	356616	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	327435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	177612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	169169	56.963	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.920%
35) Dibromofluoromethane	5.285	113	132798	52.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.400%
50) Toluene-d8	7.896	98	453762	49.755	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	10.633	95	180768	52.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	108202	47.797	ug/l	98
3) Chloromethane	1.520	50	160213	54.977	ug/l	100
4) Vinyl Chloride	1.604	62	150131	55.622	ug/l	97
5) Bromomethane	1.829	94	66099	43.441	ug/l	96
6) Chloroethane	1.916	64	84435	57.337	ug/l	100
7) Trichlorofluoromethane	2.128	101	194905	50.561	ug/l	98
8) Diethyl Ether	2.372	74	81066	56.988	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	106710	50.571	ug/l	97
10) Methyl Iodide	2.716	142	174361	55.291	ug/l	98
11) Tert butyl alcohol	3.183	59	287121	381.340	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	109501	54.406	ug/l	98
13) Acrolein	2.482	56	61490	246.383	ug/l	97
14) Allyl chloride	2.919	41	226071	57.993	ug/l	95
15) Acrylonitrile	3.308	53	547234	335.118	ug/l	100
16) Acetone	2.620	43	485294	320.647	ug/l	98
17) Carbon Disulfide	2.787	76	272538	46.386	ug/l	100
18) Methyl Acetate	2.945	43	236429	62.219	ug/l	99
19) Methyl tert-butyl Ether	3.360	73	468022	61.285	ug/l	99
20) Methylene Chloride	3.041	84	143402	55.718	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	117506	51.040	ug/l	89
22) Diisopropyl ether	3.990	45	477234	66.368	ug/l	91
23) Vinyl Acetate	3.951	43	1760184	282.527	ug/l	99
24) 1,1-Dichloroethane	3.868	63	266734	59.062	ug/l	100
25) 2-Butanone	4.697	43	751206	345.500	ug/l	99
26) 2,2-Dichloropropane	4.662	77	122973	30.351	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	151786	56.959	ug/l	95
28) Bromochloromethane	4.970	49	113986	64.348	ug/l	97
29) Tetrahydrofuran	5.044	42	485900	354.788	ug/l	96
30) Chloroform	5.086	83	264377	58.506	ug/l	100
31) Cyclohexane	5.385	56	187623	50.131	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	223392	54.490	ug/l	99
36) 1,1-Dichloropropene	5.523	75	173032	46.599	ug/l	98
37) Ethyl Acetate	4.797	43	231702	49.360	ug/l	99
38) Carbon Tetrachloride	5.523	117	189432	44.468	ug/l	99
39) Methylcyclohexane	6.761	83	180208	46.286	ug/l	98
40) Benzene	5.771	78	551147	50.276	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	144588	60.953	ug/l	98
42) 1,2-Dichloroethane	5.790	62	214126	49.898	ug/l	100
43) Isopropyl Acetate	5.909	43	356597	52.339	ug/l	99
44) Trichloroethene	6.539	130	133340	47.212	ug/l	98
45) 1,2-Dichloropropane	6.790	63	158934	57.589	ug/l	99
46) Dibromomethane	6.916	93	106603	51.702	ug/l	98
47) Bromodichloromethane	7.105	83	209166	50.163	ug/l	99
48) Methyl methacrylate	6.957	41	185649	60.698	ug/l	98
49) 1,4-Dioxane	6.964	88	113714	1663.156	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1429631	323.159	ug/l	98
52) Toluene	7.967	92	334527	51.017	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	205566	45.702	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	210754	45.217	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	149805	51.766	ug/l	97
56) Ethyl methacrylate	8.334	69	250153	54.456	ug/l	97
57) 1,3-Dichloropropane	8.575	76	261377	53.664	ug/l	98
59) 2-Hexanone	8.684	43	1199093	330.155	ug/l	100
60) Dibromochloromethane	8.809	129	164037	50.567	ug/l	99
61) 1,2-Dibromoethane	8.922	107	156766	49.188	ug/l	99
64) Tetrachloroethene	8.552	164	109053	47.916	ug/l	98
65) Chlorobenzene	9.446	112	359912	51.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	141723	53.914	ug/l	100
67) Ethyl Benzene	9.568	91	630839	54.009	ug/l	99
68) m/p-Xylenes	9.694	106	494965	108.349	ug/l	99
69) o-Xylene	10.099	106	246101	54.834	ug/l	98
70) Styrene	10.115	104	419507	56.827	ug/l	100
71) Bromoform	10.292	173	133564	54.955	ug/l #	99
73) Isopropylbenzene	10.485	105	642483	56.031	ug/l	99
74) N-amyl acetate	10.321	43	306549	52.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	301523	64.437	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	326599	57.031	ug/l	96
77) Bromobenzene	10.780	156	164610	53.454	ug/l	97
78) n-propylbenzene	10.906	91	742445	54.338	ug/l	99
79) 2-Chlorotoluene	10.986	91	469413	55.245	ug/l	100
80) 1,3,5-Trimethylbenzene	11.086	105	567243	56.886	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	73263	46.451	ug/l	96
82) 4-Chlorotoluene	11.096	91	536400	54.715	ug/l	100
83) tert-Butylbenzene	11.420	119	555669	58.061	ug/l	100
84) 1,2,4-Trimethylbenzene	11.469	105	563521	52.379	ug/l	100
85) sec-Butylbenzene	11.642	105	671353	56.072	ug/l	100
86) p-Isopropyltoluene	11.793	119	580882	56.496	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	303870	50.329	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	306793	49.183	ug/l	99
89) n-Butylbenzene	12.208	91	474769	46.300	ug/l	99
90) Hexachloroethane	12.475	117	106770	50.882	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	329420	54.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	73367	54.454	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	179257	44.786	ug/l	99
94) Hexachlorobutadiene	14.021	225	89366	46.582	ug/l	98
95) Naphthalene	14.086	128	607954	43.816	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	187026	47.178	ug/l	99

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

