

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042967.D
 Acq On : 06 Apr 2021 20:01
 Operator : SY/MD
 Sample : M1951-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SW-1MS

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:51 PM

Quant Time: Apr 07 01:46:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	114900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	182538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	178902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92083	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.298	113	64322	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	7.906	98	225341	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	10.639	95	92026	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	55852	41.36	ug/l	98
3) Chloromethane	1.523	50	56873	38.90	ug/l	97
4) Vinyl Chloride	1.607	62	57450	43.19	ug/l	97
5) Bromomethane	1.858	94	36297	44.39	ug/l	96
6) Chloroethane	1.932	64	41784	42.46	ug/l	97
7) Trichlorofluoromethane	2.141	101	100591	43.36	ug/l	100
8) Diethyl Ether	2.382	74	33918	46.92	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	50361	45.29	ug/l	98
10) Methyl Iodide	2.729	142	63990	42.68	ug/l	99
11) Tert butyl alcohol	3.211	59	110861m	283.10	ug/l	
12) 1,1-Dichloroethene	2.584	96	46700	44.81	ug/l	99
13) Acrolein	2.491	56	25424	188.11	ug/l	96
14) Allyl chloride	2.928	41	110373	48.48	ug/l	99
15) Acrylonitrile	3.321	53	246482	274.43	ug/l	98
16) Acetone	2.636	43	244975	262.14	ug/l	100
17) Carbon Disulfide	2.800	76	116941	39.66	ug/l	100
18) Methyl Acetate	2.954	43	130839	62.36	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	201859	51.04	ug/l	99
20) Methylene Chloride	3.054	84	57521	43.62	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	53825	46.04	ug/l	97
22) Diisopropyl ether	3.999	45	236072	51.51	ug/l	95
23) Vinyl Acetate	3.964	43	1032700	242.12	ug/l	100
24) 1,1-Dichloroethane	3.880	63	114515	47.93	ug/l	99
25) 2-Butanone	4.710	43	410090	275.09	ug/l	99
26) 2,2-Dichloropropane	4.674	77	96283	45.62	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	65288	48.78	ug/l	98
28) Bromochloromethane	4.983	49	62215	52.15	ug/l #	98
29) Tetrahydrofuran	5.057	42	261432	283.47	ug/l	98
30) Chloroform	5.099	83	123734	48.99	ug/l	94
31) Cyclohexane	5.395	56	101467	44.50	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	109781	48.97	ug/l	100
36) 1,1-Dichloropropene	5.536	75	82882	45.91	ug/l	99
37) Ethyl Acetate	4.809	43	140319	50.07	ug/l	99
38) Carbon Tetrachloride	5.533	117	94485	45.85	ug/l	97
39) Methylcyclohexane	6.771	83	92511	44.73	ug/l	99
40) Benzene	5.784	78	244893	45.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	80062	54.53	ug/l	97
42) 1,2-Dichloroethane	5.803	62	112255	48.47	ug/l	99
43) Isopropyl Acetate	5.919	43	212999	50.48	ug/l	99
44) Trichloroethene	6.549	130	62782	45.21	ug/l	98
45) 1,2-Dichloropropane	6.800	63	69830	48.60	ug/l	100
46) Dibromomethane	6.925	93	49834	48.69	ug/l	96
47) Bromodichloromethane	7.115	83	100664	48.41	ug/l	100
48) Methyl methacrylate	6.967	41	110177	54.09	ug/l	99
49) 1,4-Dioxane	6.996	88	40714	995.44	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	816944	276.70	ug/l	100
52) Toluene	7.977	92	157065	47.56	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	108072	49.12	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	106671	46.33	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	67804	47.73	ug/l	96
56) Ethyl methacrylate	8.340	69	112921	52.02	ug/l	97
57) 1,3-Dichloropropane	8.581	76	119755	49.12	ug/l	98
59) 2-Hexanone	8.694	43	677955	288.73	ug/l	99
60) Dibromochloromethane	8.816	129	79872	48.35	ug/l	99
61) 1,2-Dibromoethane	8.931	107	77815	48.17	ug/l	98
64) Tetrachloroethene	8.558	164	63333	43.85	ug/l	98
65) Chlorobenzene	9.452	112	172109	47.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	69136	47.78	ug/l	98
67) Ethyl Benzene	9.578	91	315393	48.34	ug/l	99
68) m/p-Xylenes	9.700	106	233456	97.09	ug/l	98
69) o-Xylene	10.108	106	114204	49.07	ug/l	96
70) Styrene	10.121	104	193270	49.17	ug/l	97
71) Bromoform	10.298	173	68989	50.26	ug/l #	100
73) Isopropylbenzene	10.491	105	320300	49.33	ug/l	100
74) N-amyl acetate	10.327	43	186403	50.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	128433	48.39	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	137972m	52.89	ug/l	
77) Bromobenzene	10.790	156	84878	47.50	ug/l	99
78) n-propylbenzene	10.912	91	377447	49.39	ug/l	99
79) 2-Chlorotoluene	10.992	91	223292	48.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	280253	49.75	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	42826	48.64	ug/l	97
82) 4-Chlorotoluene	11.102	91	270839	49.17	ug/l	99
83) tert-Butylbenzene	11.427	119	267271	48.70	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	283317	49.80	ug/l	99
85) sec-Butylbenzene	11.652	105	319243	50.05	ug/l	100
86) p-Isopropyltoluene	11.800	119	294266	50.41	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	150557	46.90	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	152993	46.40	ug/l	99
89) n-Butylbenzene	12.214	91	264023	47.93	ug/l	99
90) Hexachloroethane	12.484	117	51728	46.93	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	155509	47.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	37544	53.41	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	101359	48.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	51305	42.09	ug/l	99
95) Naphthalene	14.092	128	321155	46.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	99702	47.27	ug/l	97

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

