

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043688.D
 Acq On : 12 May 2021 19:20
 Operator : SY/MD
 Sample : M2322-06MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2-20210505MS

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:09:01 PM

Quant Time: May 13 01:35:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	98974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170608	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	159706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100709	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	5.298	113	67779	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	7.906	98	235605	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.639	95	91980	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	64932	47.07	ug/l	100
3) Chloromethane	1.520	50	91741	53.77	ug/l	98
4) Vinyl Chloride	1.607	62	81012	51.56	ug/l	100
5) Bromomethane	1.835	94	39447	44.60	ug/l	100
6) Chloroethane	1.922	64	50099	49.72	ug/l	100
7) Trichlorofluoromethane	2.134	101	106120	49.87	ug/l	99
8) Diethyl Ether	2.379	74	44676	57.91	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	56802	48.17	ug/l	98
10) Methyl Iodide	2.726	142	71392	49.36	ug/l	99
11) Tert butyl alcohol	3.189	59	156998	292.06	ug/l	99
12) 1,1-Dichloroethene	2.581	96	59700	52.10	ug/l	96
13) Acrolein	2.488	56	71464	301.55	ug/l	98
14) Allyl chloride	2.925	41	163189	56.84	ug/l	95
15) Acrylonitrile	3.317	53	293489	300.80	ug/l	99
16) Acetone	2.629	43	357532	321.49	ug/l	100
17) Carbon Disulfide	2.797	76	178048	49.00	ug/l	100
18) Methyl Acetate	2.951	43	152358	59.93	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	223671	56.76	ug/l	97
20) Methylene Chloride	3.051	84	147084	93.99	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	66115	53.07	ug/l	94
22) Diisopropyl ether	3.999	45	284624	57.80	ug/l	94
23) Vinyl Acetate	3.961	43	1448191	256.22	ug/l	100
24) 1,1-Dichloroethane	3.877	63	150857	52.99	ug/l	100
25) 2-Butanone	4.706	43	523339	305.23	ug/l	99
26) 2,2-Dichloropropane	4.671	77	106701	55.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	78722	54.77	ug/l	97
28) Bromochloromethane	4.980	49	75939	53.16	ug/l	# 22
29) Tetrahydrofuran	5.054	42	300278	308.40	ug/l	99
30) Chloroform	5.096	83	141356	51.36	ug/l	95
31) Cyclohexane	5.395	56	112097	46.88	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	117692	50.18	ug/l	98
36) 1,1-Dichloropropene	5.533	75	101487	52.40	ug/l	98
37) Ethyl Acetate	4.809	43	182131	55.52	ug/l	100
38) Carbon Tetrachloride	5.533	117	97433	49.63	ug/l	98
39) Methylcyclohexane	6.771	83	92283	49.31	ug/l	98
40) Benzene	5.780	78	302429	52.09	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	103610	54.38	ug/l	97
42) 1,2-Dichloroethane	5.800	62	131866	51.72	ug/l	99
43) Isopropyl Acetate	5.915	43	268246	55.76	ug/l	100
44) Trichloroethene	6.549	130	68546	50.27	ug/l	100
45) 1,2-Dichloropropane	6.796	63	91539	53.50	ug/l	100
46) Dibromomethane	6.925	93	57535	53.34	ug/l	98
47) Bromodichloromethane	7.115	83	113618	52.03	ug/l	98
48) Methyl methacrylate	6.967	41	135509	56.06	ug/l	99
49) 1,4-Dioxane	6.970	88	47347	1057.91	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	1006587	255.10	ug/l	99
52) Toluene	7.976	92	199171	59.35	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	122307	48.76	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	128732	53.92	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	77670	53.10	ug/l	99
56) Ethyl methacrylate	8.340	69	135336	49.10	ug/l	98
57) 1,3-Dichloropropane	8.581	76	140878	54.15	ug/l	99
59) 2-Hexanone	8.690	43	820828	255.18	ug/l	100
60) Dibromochloromethane	8.816	129	81649	52.47	ug/l	98
61) 1,2-Dibromoethane	8.931	107	83269	52.69	ug/l	100
64) Tetrachloroethene	8.558	164	59026	47.86	ug/l	99
65) Chlorobenzene	9.452	112	181034	51.38	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	70119	51.72	ug/l	98
67) Ethyl Benzene	9.578	91	337878	48.00	ug/l	99
68) m/p-Xylenes	9.700	106	248033	96.38	ug/l	98
69) o-Xylene	10.108	106	121032	48.13	ug/l	99
70) Styrene	10.121	104	211597	47.62	ug/l	99
71) Bromoform	10.298	173	66542	47.41	ug/l #	99
73) Isopropylbenzene	10.491	105	323717	52.54	ug/l	99
74) N-amyl acetate	10.327	43	232301	50.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	153851	52.94	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	147481m	53.96	ug/l	
77) Bromobenzene	10.790	156	81728	51.54	ug/l	99
78) n-propylbenzene	10.912	91	399985	53.10	ug/l	99
79) 2-Chlorotoluene	10.992	91	241464	51.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	283063	48.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	47696	56.84	ug/l	93
82) 4-Chlorotoluene	11.102	91	286120	53.62	ug/l	100
83) tert-Butylbenzene	11.426	119	268544	52.42	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	288039	49.02	ug/l	100
85) sec-Butylbenzene	11.652	105	333715	47.79	ug/l	99
86) p-Isopropyltoluene	11.799	119	287456	47.85	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	148755	49.58	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	151597	48.72	ug/l	99
89) n-Butylbenzene	12.214	91	271420	46.08	ug/l	99
90) Hexachloroethane	12.481	117	44674	51.83	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	153879	49.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	40219	56.15	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	99808	49.56	ug/l	99
94) Hexachlorobutadiene	14.028	225	42419	44.24	ug/l	96
95) Naphthalene	14.092	128	365305	50.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	101886	50.73	ug/l	98

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

