

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043598.D
 Acq On : 06 May 2021 20:59
 Operator : SY/MD
 Sample : M2251-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-518-520MSD

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:45 PM

Quant Time: May 07 02:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	94556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	164589	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	152289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98658	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	5.298	113	64152	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	7.906	98	222066	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.639	95	84316	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60295	45.78	ug/l	100
3) Chloromethane	1.523	50	85267	52.32	ug/l	100
4) Vinyl Chloride	1.607	62	74444	49.60	ug/l	100
5) Bromomethane	1.835	94	42220	49.97	ug/l	98
6) Chloroethane	1.922	64	46404	48.21	ug/l	100
7) Trichlorofluoromethane	2.134	101	93917	46.20	ug/l	99
8) Diethyl Ether	2.379	74	41435	56.22	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	50296	44.65	ug/l	99
10) Methyl Iodide	2.726	142	68661	49.69	ug/l	99
11) Tert butyl alcohol	3.189	59	128641	250.49	ug/l	99
12) 1,1-Dichloroethene	2.581	96	54232	49.54	ug/l	97
13) Acrolein	2.488	56	57862	256.48	ug/l	100
14) Allyl chloride	2.925	41	146718	53.49	ug/l	98
15) Acrylonitrile	3.318	53	265914	285.27	ug/l	99
16) Acetone	2.629	43	295149	277.80	ug/l	99
17) Carbon Disulfide	2.797	76	163886	47.21	ug/l	98
18) Methyl Acetate	2.951	43	127434	52.47	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	217518	57.78	ug/l	99
20) Methylene Chloride	3.051	84	74760	50.00	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	60835	51.11	ug/l	94
22) Diisopropyl ether	3.999	45	266968	56.75	ug/l	97
23) Vinyl Acetate	3.964	43	1284577	238.60	ug/l	100
24) 1,1-Dichloroethane	3.874	63	141832	52.15	ug/l	99
25) 2-Butanone	4.707	43	479302	292.61	ug/l	100
26) 2,2-Dichloropropane	4.671	77	88377	48.22	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	74945	54.58	ug/l	99
28) Bromochloromethane	4.980	49	74082	54.28	ug/l	98
29) Tetrahydrofuran	5.057	42	276413	297.16	ug/l	100
30) Chloroform	5.096	83	136561	51.94	ug/l	100
31) Cyclohexane	5.395	56	94530	41.38	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	109595	48.91	ug/l	98
36) 1,1-Dichloropropene	5.533	75	87213	46.67	ug/l	99
37) Ethyl Acetate	4.809	43	163527	51.67	ug/l	100
38) Carbon Tetrachloride	5.533	117	86886	45.88	ug/l	99
39) Methylcyclohexane	6.771	83	80361	44.51	ug/l	97
40) Benzene	5.780	78	282076	50.36	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	94543	51.53	ug/l	99
42) 1,2-Dichloroethane	5.803	62	127654	51.90	ug/l	99
43) Isopropyl Acetate	5.919	43	246669	53.15	ug/l	100
44) Trichloroethene	6.549	130	62970	47.87	ug/l	98
45) 1,2-Dichloropropane	6.800	63	83531	50.61	ug/l	99
46) Dibromomethane	6.925	93	55707	53.54	ug/l	99
47) Bromodichloromethane	7.112	83	109497	51.98	ug/l	97
48) Methyl methacrylate	6.967	41	129572	55.56	ug/l	100
49) 1,4-Dioxane	6.970	88	42893	996.44	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	930146	245.16	ug/l	100
52) Toluene	7.976	92	159959	49.41	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	114819	47.51	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	119363	51.83	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	74636	52.89	ug/l	99
56) Ethyl methacrylate	8.340	69	126772	47.79	ug/l	99
57) 1,3-Dichloropropane	8.584	76	134265	53.49	ug/l	100
59) 2-Hexanone	8.690	43	748817	242.44	ug/l	100
60) Dibromochloromethane	8.819	129	79706	53.10	ug/l	99
61) 1,2-Dibromoethane	8.931	107	82379	54.03	ug/l	98
64) Tetrachloroethene	8.562	164	55993	47.61	ug/l	99
65) Chlorobenzene	9.452	112	166449	49.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	66963	51.80	ug/l	100
67) Ethyl Benzene	9.578	91	304634	45.47	ug/l	98
68) m/p-Xylenes	9.700	106	225396	91.96	ug/l	100
69) o-Xylene	10.108	106	110474	46.15	ug/l	100
70) Styrene	10.121	104	189001	44.78	ug/l	100
71) Bromoform	10.298	173	65290	48.68	ug/l #	98
73) Isopropylbenzene	10.491	105	287036	50.93	ug/l	100
74) N-amyl acetate	10.327	43	202740	48.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	143260	53.89	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	142525m	57.01	ug/l	
77) Bromobenzene	10.790	156	75964	52.37	ug/l	99
78) n-propylbenzene	10.912	91	348322	50.55	ug/l	100
79) 2-Chlorotoluene	10.992	91	214061	50.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	253304	47.71	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	40203	52.37	ug/l	95
82) 4-Chlorotoluene	11.102	91	251794	51.59	ug/l	99
83) tert-Butylbenzene	11.427	119	237067	50.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	259564	48.31	ug/l	100
85) sec-Butylbenzene	11.652	105	291458	45.69	ug/l	99
86) p-Isopropyltoluene	11.799	119	251994	45.92	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	134748	49.10	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	135243	47.52	ug/l	99
89) n-Butylbenzene	12.214	91	233280	43.45	ug/l	100
90) Hexachloroethane	12.484	117	37693	47.81	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	138943	49.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	37642	57.46	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	88471	48.03	ug/l	99
94) Hexachlorobutadiene	14.031	225	38236	43.60	ug/l	99
95) Naphthalene	14.092	128	344888	51.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	91679	49.90	ug/l	99

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

