

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042920.D
 Acq On : 03 Apr 2021 00:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 10:15:13 AM

Quant Time: Apr 03 01:42:34 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	113851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	178530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	172822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	93047	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	5.298	113	64930	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	7.906	98	231263	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.639	95	92005	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58645	43.82	ug/l	98
3) Chloromethane	1.523	50	59678	41.19	ug/l	100
4) Vinyl Chloride	1.607	62	58993	44.75	ug/l	99
5) Bromomethane	1.851	94	29990	35.59	ug/l	94
6) Chloroethane	1.932	64	39498	40.16	ug/l	99
7) Trichlorofluoromethane	2.141	101	106406	46.29	ug/l	99
8) Diethyl Ether	2.382	74	34212	47.76	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	51564	46.80	ug/l	98
10) Methyl Iodide	2.729	142	58374	39.29	ug/l	98
11) Tert butyl alcohol	3.195	59	100306	258.50	ug/l	96
12) 1,1-Dichloroethene	2.584	96	47816	46.30	ug/l	96
13) Acrolein	2.491	56	17914	132.52	ug/l	96
14) Allyl chloride	2.932	41	110900	49.16	ug/l	100
15) Acrylonitrile	3.321	53	239355	268.95	ug/l	99
16) Acetone	2.633	43	226575	243.75	ug/l	99
17) Carbon Disulfide	2.800	76	126457	43.28	ug/l	100
18) Methyl Acetate	2.954	43	129276	62.19	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	205183	52.36	ug/l	99
20) Methylene Chloride	3.054	84	58745	44.95	ug/l	94
21) trans-1,2-Dichloroethene	3.359	96	55172	47.62	ug/l	97
22) Diisopropyl ether	3.999	45	239315	52.69	ug/l	94
23) Vinyl Acetate	3.964	43	1085961	256.95	ug/l	100
24) 1,1-Dichloroethane	3.877	63	116023	49.01	ug/l	99
25) 2-Butanone	4.710	43	385404	260.92	ug/l	100
26) 2,2-Dichloropropane	4.678	77	90952	43.49	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	66547	50.18	ug/l	97
28) Bromochloromethane	4.983	49	66308	56.10	ug/l	98
29) Tetrahydrofuran	5.057	42	248567	272.00	ug/l	99
30) Chloroform	5.099	83	126869	50.69	ug/l	96
31) Cyclohexane	5.398	56	106721	47.23	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	111189	50.05	ug/l	99
36) 1,1-Dichloropropene	5.536	75	87234	49.40	ug/l	99
37) Ethyl Acetate	4.809	43	142405	51.95	ug/l	99
38) Carbon Tetrachloride	5.533	117	97319	48.28	ug/l	98
39) Methylcyclohexane	6.771	83	95602	47.27	ug/l	98
40) Benzene	5.784	78	253015	47.90	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	78184	54.45	ug/l	98
42) 1,2-Dichloroethane	5.803	62	114784	50.68	ug/l	100
43) Isopropyl Acetate	5.919	43	209941	50.87	ug/l	99
44) Trichloroethene	6.549	130	66542	49.00	ug/l	97
45) 1,2-Dichloropropane	6.800	63	70631	50.27	ug/l	95
46) Dibromomethane	6.925	93	50189	50.13	ug/l	98
47) Bromodichloromethane	7.112	83	101426	49.87	ug/l	100
48) Methyl methacrylate	6.967	41	108432	54.43	ug/l	99
49) 1,4-Dioxane	6.986	88	42185	1056.79	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	771857	267.30	ug/l	100
52) Toluene	7.976	92	160006	49.54	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	109931	51.09	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	109548	48.65	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	69848	50.27	ug/l	98
56) Ethyl methacrylate	8.340	69	113662	53.54	ug/l	97
57) 1,3-Dichloropropane	8.581	76	118690	49.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	155105	230.79	ug/l	100
59) 2-Hexanone	8.690	43	624400	271.90	ug/l	100
60) Dibromochloromethane	8.819	129	80488	49.82	ug/l	100
61) 1,2-Dibromoethane	8.931	107	78691	49.80	ug/l	98
64) Tetrachloroethene	8.558	164	67390	48.30	ug/l	97
65) Chlorobenzene	9.452	112	174711	49.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	70438	50.39	ug/l	100
67) Ethyl Benzene	9.578	91	321335	50.99	ug/l	99
68) m/p-Xylenes	9.700	106	239511	103.11	ug/l	99
69) o-Xylene	10.108	106	113838	50.63	ug/l	94
70) Styrene	10.121	104	199762	52.61	ug/l	99
71) Bromoform	10.298	173	67607	50.99	ug/l #	100
73) Isopropylbenzene	10.491	105	322796	50.62	ug/l	99
74) N-amyl acetate	10.327	43	192563	53.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	126767	48.64	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	124749m	48.69	ug/l	
77) Bromobenzene	10.790	156	83931	47.83	ug/l	98
78) n-propylbenzene	10.912	91	383786	51.13	ug/l	100
79) 2-Chlorotoluene	10.992	91	228424	50.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	284160	51.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	39670	45.88	ug/l	96
82) 4-Chlorotoluene	11.102	91	272203	50.32	ug/l	100
83) tert-Butylbenzene	11.426	119	271363	50.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	292044	52.28	ug/l	98
85) sec-Butylbenzene	11.652	105	328572	52.45	ug/l	100
86) p-Isopropyltoluene	11.799	119	303185	52.89	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	153441	48.67	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	158050	48.81	ug/l	98
89) n-Butylbenzene	12.214	91	278631	51.51	ug/l	99
90) Hexachloroethane	12.481	117	51949	47.99	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	157187	48.96	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	37887	54.89	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	109179	53.35	ug/l	98
94) Hexachlorobutadiene	14.028	225	54600	45.61	ug/l	98
95) Naphthalene	14.095	128	335630	49.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	106899	51.61	ug/l	98

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

