

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043108.D
 Acq On : 14 Apr 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/15/2021 5:36:58 PM

Quant Time: Apr 15 02:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	121324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	191128	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	105761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94847	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.295	113	67002	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	7.906	98	242039	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	10.639	95	99104	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	58487	46.72	ug/l	100
3) Chloromethane	1.523	50	66369	49.74	ug/l	100
4) Vinyl Chloride	1.607	62	65587	48.05	ug/l	100
5) Bromomethane	1.835	94	41920	56.36	ug/l	98
6) Chloroethane	1.925	64	45582	48.41	ug/l	98
7) Trichlorofluoromethane	2.134	101	114942	49.56	ug/l	97
8) Diethyl Ether	2.378	74	38651	52.04	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	57326	48.03	ug/l	97
10) Methyl Iodide	2.726	142	75423	47.96	ug/l	100
11) Tert butyl alcohol	3.189	59	123793	235.50	ug/l #	77
12) 1,1-Dichloroethene	2.581	96	56192	49.47	ug/l	98
13) Acrolein	2.488	56	71171	218.57	ug/l	99
14) Allyl chloride	2.925	41	127692	46.33	ug/l	96
15) Acrylonitrile	3.317	53	263589	233.12	ug/l	99
16) Acetone	2.626	43	258314	215.16	ug/l	99
17) Carbon Disulfide	2.796	76	156087	44.68	ug/l	98
18) Methyl Acetate	2.951	43	122774	48.16	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	231044	51.49	ug/l	99
20) Methylene Chloride	3.050	84	68980	47.62	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	62872	47.39	ug/l	99
22) Diisopropyl ether	3.999	45	270429	51.29	ug/l	92
23) Vinyl Acetate	3.960	43	1307090	256.18	ug/l	100
24) 1,1-Dichloroethane	3.874	63	129031	48.40	ug/l	99
25) 2-Butanone	4.706	43	438992	236.94	ug/l	99
26) 2,2-Dichloropropane	4.671	77	108670	46.47	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	75479	50.00	ug/l	97
28) Bromochloromethane	4.983	49	64390	47.36	ug/l	97
29) Tetrahydrofuran	5.054	42	276353	236.88	ug/l	99
30) Chloroform	5.095	83	142754	50.56	ug/l	92
31) Cyclohexane	5.394	56	119691	47.57	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	125033	50.09	ug/l	99
36) 1,1-Dichloropropene	5.533	75	100190	49.41	ug/l	99
37) Ethyl Acetate	4.806	43	162658	46.91	ug/l	98
38) Carbon Tetrachloride	5.529	117	107524	49.46	ug/l	99
39) Methylcyclohexane	6.767	83	104429	46.84	ug/l	99
40) Benzene	5.780	78	283117	48.86	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	88665	48.64	ug/l	97
42) 1,2-Dichloroethane	5.800	62	129787	50.50	ug/l	99
43) Isopropyl Acetate	5.919	43	246659	49.88	ug/l	97
44) Trichloroethene	6.549	130	71283	48.51	ug/l	100
45) 1,2-Dichloropropane	6.800	63	79218	49.08	ug/l	98
46) Dibromomethane	6.925	93	56404	49.41	ug/l	97
47) Bromodichloromethane	7.115	83	112469	49.91	ug/l	100
48) Methyl methacrylate	6.967	41	126608	51.00	ug/l	96
49) 1,4-Dioxane	6.970	88	46474	934.42	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	879795	240.50	ug/l	98
52) Toluene	7.976	92	182256	50.74	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	124429	49.73	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	127107	50.03	ug/l	93
55) 1,1,2-Trichloroethane	8.407	97	78534	50.97	ug/l	97
56) Ethyl methacrylate	8.340	69	132633	52.55	ug/l	96
57) 1,3-Dichloropropane	8.581	76	134017	50.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	265173	252.70	ug/l	99
59) 2-Hexanone	8.690	43	714465	237.19	ug/l	100
60) Dibromochloromethane	8.819	129	92359	51.83	ug/l	99
61) 1,2-Dibromoethane	8.931	107	89099	51.27	ug/l	99
64) Tetrachloroethene	8.562	164	64392	46.48	ug/l	99
65) Chlorobenzene	9.452	112	195824	47.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	80429	51.38	ug/l	99
67) Ethyl Benzene	9.578	91	371519	50.27	ug/l	99
68) m/p-Xylenes	9.700	106	277019	101.31	ug/l	99
69) o-Xylene	10.108	106	132653	49.70	ug/l	96
70) Styrene	10.121	104	230646	51.32	ug/l	98
71) Bromoform	10.298	173	77882	48.28	ug/l #	98
73) Isopropylbenzene	10.491	105	365765	51.53	ug/l	98
74) N-amyl acetate	10.327	43	230348	50.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	149804	48.47	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	153175m	49.56	ug/l	
77) Bromobenzene	10.790	156	98331	49.73	ug/l	98
78) n-propylbenzene	10.912	91	434576	51.13	ug/l	99
79) 2-Chlorotoluene	10.992	91	260575	50.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	324591	51.80	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.555	75	48864	46.46	ug/l	93
82) 4-Chlorotoluene	11.102	91	314298	50.66	ug/l	98
83) tert-Butylbenzene	11.426	119	315560	51.23	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	326881	50.77	ug/l	99
85) sec-Butylbenzene	11.651	105	355896	49.30	ug/l	99
86) p-Isopropyltoluene	11.799	119	327084	49.22	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	172155	48.02	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	175366	46.90	ug/l	99
89) n-Butylbenzene	12.214	91	292562	47.00	ug/l	99
90) Hexachloroethane	12.484	117	60553	48.60	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	176195	48.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41832	47.81	ug/l	93
93) 1,2,4-Trichlorobenzene	13.847	180	107041	44.37	ug/l	98
94) Hexachlorobutadiene	14.028	225	53180	43.81	ug/l	97
95) Naphthalene	14.095	128	358729	47.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	108643	46.38	ug/l	100

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

