

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050521\
 Data File : VU043562.D
 Acq On : 05 May 2021 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:39:43 PM

Quant Time: May 06 06:33:35 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	100664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	169943	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	163761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	89292	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	5.295	113	59769	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.906	98	211946	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	10.639	95	83907	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	53355	51.37	ug/l	97
3) Chloromethane	1.524	50	68833	62.49	ug/l	100
4) Vinyl Chloride	1.607	62	62036	54.78	ug/l	100
5) Bromomethane	1.839	94	36645	59.38	ug/l	99
6) Chloroethane	1.926	64	40360	51.66	ug/l	97
7) Trichlorofluoromethane	2.135	101	93550	48.61	ug/l	97
8) Diethyl Ether	2.379	74	34539	56.05	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.582	101	52179	52.69	ug/l	94
10) Methyl Iodide	2.726	142	64517	49.44	ug/l	100
11) Tert butyl alcohol	3.186	59	110920	254.32	ug/l #	76
12) 1,1-Dichloroethene	2.582	96	50023	53.08	ug/l	94
13) Acrolein	2.488	56	63498	234.24	ug/l	98
14) Allyl chloride	2.926	41	129552	56.65	ug/l	96
15) Acrylonitrile	3.318	53	259501	276.61	ug/l	99
16) Acetone	2.630	43	256851	257.92	ug/l	100
17) Carbon Disulfide	2.797	76	134103	46.27	ug/l	100
18) Methyl Acetate	2.951	43	143509	67.84	ug/l	95
19) Methyl tert-butyl Ether	3.369	73	206656	55.50	ug/l	100
20) Methylene Chloride	3.051	84	65276	54.31	ug/l	97
21) trans-1,2-Dichloroethene	3.360	96	56035	50.90	ug/l	97
22) Diisopropyl ether	3.999	45	260704	59.60	ug/l	91
23) Vinyl Acetate	3.961	43	1189347	280.94	ug/l	98
24) 1,1-Dichloroethane	3.877	63	125648	56.80	ug/l	98
25) 2-Butanone	4.707	43	414801	269.83	ug/l	98
26) 2,2-Dichloropropane	4.671	77	96347	49.66	ug/l	100
27) cis-1,2-Dichloroethene	4.675	96	66967	53.46	ug/l	95
28) Bromochloromethane	4.983	49	65732	58.27	ug/l	86
29) Tetrahydrofuran	5.054	42	265422	274.20	ug/l	95
30) Chloroform	5.096	83	127536	54.44	ug/l	98
31) Cyclohexane	5.395	56	107107	51.31	ug/l	93
32) 1,1,1-Trichloroethane	5.324	97	106436	51.40	ug/l	96
36) 1,1-Dichloropropene	5.533	75	85878	47.63	ug/l	99
37) Ethyl Acetate	4.810	43	151794	49.24	ug/l	98
38) Carbon Tetrachloride	5.533	117	87144	45.08	ug/l	97
39) Methylcyclohexane	6.771	83	90121	45.46	ug/l	93
40) Benzene	5.781	78	260152	50.50	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	82816	51.10	ug/l	96
42) 1,2-Dichloroethane	5.800	62	114998	50.33	ug/l	100
43) Isopropyl Acetate	5.916	43	223270	50.78	ug/l	97
44) Trichloroethene	6.549	130	63128	48.31	ug/l	92
45) 1,2-Dichloropropane	6.797	63	77335	53.88	ug/l	98
46) Dibromomethane	6.925	93	49592	48.86	ug/l	92
47) Bromodichloromethane	7.112	83	101044	50.43	ug/l	99
48) Methyl methacrylate	6.967	41	114802	52.01	ug/l	96
49) 1,4-Dioxane	6.967	88	39216	886.78	ug/l #	96
51) 4-Methyl-2-Pentanone	7.797	43	820030	252.11	ug/l	98
52) Toluene	7.977	92	155782	48.78	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	107281	48.22	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	111674	49.43	ug/l	93
55) 1,1,2-Trichloroethane	8.408	97	67565	49.32	ug/l	99
56) Ethyl methacrylate	8.340	69	108311	48.27	ug/l	93
57) 1,3-Dichloropropane	8.581	76	122682	51.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	168110	182.27	ug/l	95
59) 2-Hexanone	8.691	43	655964	244.91	ug/l	98
60) Dibromochloromethane	8.816	129	74668	47.12	ug/l	100
61) 1,2-Dibromoethane	8.932	107	73031	47.26	ug/l	99
64) Tetrachloroethene	8.559	164	59911	50.42	ug/l	96
65) Chlorobenzene	9.453	112	162897	46.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.543	131	62285	46.39	ug/l	98
67) Ethyl Benzene	9.578	91	305249	48.16	ug/l	99
68) m/p-Xylenes	9.700	106	221592	94.50	ug/l	97
69) o-Xylene	10.109	106	106659	46.60	ug/l	96
70) Styrene	10.121	104	189029	49.05	ug/l	98
71) Bromoform	10.298	173	59115	42.73	ug/l #	99
73) Isopropylbenzene	10.491	105	298157	50.04	ug/l	98
74) N-amyl acetate	10.327	43	184771	48.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	131528	50.70	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	125790m	48.49	ug/l	
77) Bromobenzene	10.790	156	75788	45.66	ug/l	90
78) n-propylbenzene	10.912	91	361857	50.72	ug/l	98
79) 2-Chlorotoluene	10.993	91	215836	49.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.096	105	258703	49.19	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	38691	43.83	ug/l	95
82) 4-Chlorotoluene	11.102	91	261014	50.12	ug/l	97
83) tert-Butylbenzene	11.427	119	246852	47.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	264391	48.92	ug/l	98
85) sec-Butylbenzene	11.649	105	302020	49.84	ug/l	97
86) p-Isopropyltoluene	11.800	119	268633	48.16	ug/l	99
87) 1,3-Dichlorobenzene	11.752	146	136271	45.29	ug/l	99
88) 1,4-Dichlorobenzene	11.842	146	138834	44.23	ug/l	98
89) n-Butylbenzene	12.215	91	259458	49.66	ug/l	96
90) Hexachloroethane	12.485	117	41569	39.75	ug/l	92
91) 1,2-Dichlorobenzene	12.218	146	140169	45.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	32001	43.57	ug/l	87
93) 1,2,4-Trichlorobenzene	13.848	180	90631	44.75	ug/l	98
94) Hexachlorobutadiene	14.028	225	45191	44.36	ug/l	99
95) Naphthalene	14.092	128	311939	48.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	93679	47.60	ug/l	98

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

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