

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042896.D
 Acq On : 02 Apr 2021 14:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 10:16:39 AM

Quant Time: Apr 03 00:11:25 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	117487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179458	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	85753	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	5.298	113	61173	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	7.906	98	218085	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	10.639	95	88321	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	59334	42.97	ug/l	99
3) Chloromethane	1.523	50	59832	40.02	ug/l	99
4) Vinyl Chloride	1.607	62	59515	43.75	ug/l	99
5) Bromomethane	1.858	94	40114	48.68	ug/l	97
6) Chloroethane	1.935	64	41537	41.07	ug/l	99
7) Trichlorofluoromethane	2.141	101	105665	44.55	ug/l	96
8) Diethyl Ether	2.382	74	33349	45.11	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	50626	44.53	ug/l	98
10) Methyl Iodide	2.729	142	64457	42.04	ug/l	99
11) Tert butyl alcohol	3.211	59	85233	212.86	ug/l	98
12) 1,1-Dichloroethene	2.588	96	44904	42.14	ug/l	96
13) Acrolein	2.494	56	16603	118.58	ug/l	97
14) Allyl chloride	2.932	41	105638	45.38	ug/l	100
15) Acrylonitrile	3.324	53	212051	230.89	ug/l	97
16) Acetone	2.636	43	266500	279.78	ug/l	98
17) Carbon Disulfide	2.800	76	122007	40.46	ug/l	99
18) Methyl Acetate	2.954	43	112618	52.50	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	189866	46.95	ug/l	99
20) Methylene Chloride	3.054	84	56291	41.74	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	52610	44.01	ug/l	99
22) Diisopropyl ether	3.999	45	225836	48.19	ug/l	92
23) Vinyl Acetate	3.964	43	1021915	234.31	ug/l	100
24) 1,1-Dichloroethane	3.880	63	108785	44.53	ug/l	99
25) 2-Butanone	4.713	43	370627	243.15	ug/l	100
26) 2,2-Dichloropropane	4.674	77	100206	46.44	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	63130	46.13	ug/l	96
28) Bromochloromethane	4.983	49	62059	50.88	ug/l	98
29) Tetrahydrofuran	5.060	42	225536	239.16	ug/l	99
30) Chloroform	5.099	83	122641	47.49	ug/l	99
31) Cyclohexane	5.398	56	102230	43.84	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	105186	45.89	ug/l	100
36) 1,1-Dichloropropene	5.536	75	82662	46.57	ug/l	99
37) Ethyl Acetate	4.813	43	128143	46.51	ug/l	100
38) Carbon Tetrachloride	5.536	117	91677	45.25	ug/l	97
39) Methylcyclohexane	6.771	83	95146	46.80	ug/l	99
40) Benzene	5.784	78	237407	44.71	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	71167	49.30	ug/l	99
42) 1,2-Dichloroethane	5.803	62	108805	47.79	ug/l	100
43) Isopropyl Acetate	5.919	43	196143	47.28	ug/l	100
44) Trichloroethene	6.552	130	63858	46.78	ug/l	97
45) 1,2-Dichloropropane	6.800	63	68381	48.41	ug/l	95
46) Dibromomethane	6.925	93	47984	47.68	ug/l	98
47) Bromodichloromethane	7.115	83	97433	47.66	ug/l	100
48) Methyl methacrylate	6.967	41	100544	50.21	ug/l	99
49) 1,4-Dioxane	6.993	88	36083	893.65	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	710197	244.68	ug/l	99
52) Toluene	7.976	92	156134	48.09	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	106487	49.23	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	109165	48.23	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	66652	47.72	ug/l	99
56) Ethyl methacrylate	8.340	69	104695	49.06	ug/l	97
57) 1,3-Dichloropropane	8.584	76	113799	47.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	132833	200.56	ug/l	100
59) 2-Hexanone	8.694	43	579273	250.94	ug/l	100
60) Dibromochloromethane	8.819	129	78850	48.55	ug/l	96
61) 1,2-Dibromoethane	8.931	107	76336	48.06	ug/l	95
64) Tetrachloroethene	8.562	164	66326	46.93	ug/l	97
65) Chlorobenzene	9.456	112	167894	47.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	67107	47.40	ug/l	98
67) Ethyl Benzene	9.578	91	314143	49.21	ug/l	100
68) m/p-Xylenes	9.700	106	235246	99.99	ug/l	99
69) o-Xylene	10.108	106	111207	48.83	ug/l	96
70) Styrene	10.121	104	192783	50.13	ug/l	99
71) Bromoform	10.298	173	65197	48.55	ug/l #	99
73) Isopropylbenzene	10.491	105	315969	48.43	ug/l	100
74) N-amyl acetate	10.327	43	182089	49.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	121050	45.39	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	123712m	47.19	ug/l	
77) Bromobenzene	10.790	156	82750	46.09	ug/l	99
78) n-propylbenzene	10.912	91	386133	50.28	ug/l	100
79) 2-Chlorotoluene	10.992	91	222827	48.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	283626	50.11	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	41842	47.29	ug/l	99
82) 4-Chlorotoluene	11.105	91	270688	48.91	ug/l	100
83) tert-Butylbenzene	11.430	119	264444	47.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	285611	49.96	ug/l	99
85) sec-Butylbenzene	11.652	105	326915	51.00	ug/l	100
86) p-Isopropyltoluene	11.803	119	304501	51.91	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	153365	47.54	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	155289	46.87	ug/l	100
89) n-Butylbenzene	12.217	91	286444	51.75	ug/l	100
90) Hexachloroethane	12.484	117	51806	46.77	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	154954	47.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	33724	47.75	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	106524	50.87	ug/l	99
94) Hexachlorobutadiene	14.031	225	57389	46.86	ug/l	100
95) Naphthalene	14.095	128	316643	45.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	106699	50.34	ug/l	99

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

