

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043183.D
 Acq On : 16 Apr 2021 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 9:41:17 AM

Quant Time: Apr 17 02:36:41 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	113100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96075	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.298	113	66114	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	7.906	98	235986	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	10.639	95	90538	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	55942	47.94	ug/l	97
3) Chloromethane	1.520	50	61633	49.55	ug/l	99
4) Vinyl Chloride	1.607	62	62858	49.40	ug/l	98
5) Bromomethane	1.854	94	25148	36.27	ug/l	99
6) Chloroethane	1.928	64	44804	51.04	ug/l	98
7) Trichlorofluoromethane	2.137	101	108103	50.00	ug/l	98
8) Diethyl Ether	2.382	74	36580	52.83	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	57010	51.24	ug/l	97
10) Methyl Iodide	2.726	142	45620	31.12	ug/l	97
11) Tert butyl alcohol	3.218	59	132167	269.71	ug/l #	91
12) 1,1-Dichloroethene	2.581	96	54304	51.29	ug/l	98
13) Acrolein	2.491	56	59577	197.33	ug/l	98
14) Allyl chloride	2.928	41	147912	57.57	ug/l #	93
15) Acrylonitrile	3.324	53	278511	264.23	ug/l	100
16) Acetone	2.639	43	284246	254.04	ug/l	100
17) Carbon Disulfide	2.796	76	152183	46.73	ug/l	98
18) Methyl Acetate	2.954	43	139910	58.87	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	232238	55.51	ug/l	98
20) Methylene Chloride	3.051	84	67850	50.25	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	62996	50.93	ug/l	97
22) Diisopropyl ether	3.999	45	267826	54.49	ug/l	96
23) Vinyl Acetate	3.964	43	1300170	273.35	ug/l	99
24) 1,1-Dichloroethane	3.877	63	131973	53.10	ug/l	99
25) 2-Butanone	4.713	43	456893	264.53	ug/l	99
26) 2,2-Dichloropropane	4.674	77	95649	43.88	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	75205	53.44	ug/l	99
28) Bromochloromethane	4.983	49	67036	52.89	ug/l	94
29) Tetrahydrofuran	5.060	42	291378	267.92	ug/l	97
30) Chloroform	5.095	83	140632	53.43	ug/l	95
31) Cyclohexane	5.394	56	115351	49.18	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	121480	52.21	ug/l	99
36) 1,1-Dichloropropene	5.536	75	94967	49.96	ug/l	100
37) Ethyl Acetate	4.809	43	170554	52.47	ug/l	98
38) Carbon Tetrachloride	5.533	117	102359	50.23	ug/l	98
39) Methylcyclohexane	6.771	83	98040	46.91	ug/l	96
40) Benzene	5.780	78	281537	51.83	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	89595	52.43	ug/l	98
42) 1,2-Dichloroethane	5.803	62	127436	52.90	ug/l	99
43) Isopropyl Acetate	5.919	43	245256	52.91	ug/l	98
44) Trichloroethene	6.549	130	74348	53.97	ug/l	93
45) 1,2-Dichloropropane	6.800	63	80099	52.93	ug/l	96
46) Dibromomethane	6.925	93	56058	52.38	ug/l	96
47) Bromodichloromethane	7.115	83	111179	52.63	ug/l	99
48) Methyl methacrylate	6.967	41	123873	53.23	ug/l	97
49) 1,4-Dioxane	6.999	88	51667	1108.14	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	883678	257.68	ug/l	98
52) Toluene	7.976	92	179596	53.34	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	116337	49.59	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	123012	51.64	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	75993	52.61	ug/l	97
56) Ethyl methacrylate	8.340	69	123944	52.39	ug/l	95
57) 1,3-Dichloropropane	8.581	76	131647	52.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	195792	200.58	ug/l	99
59) 2-Hexanone	8.693	43	717690	254.15	ug/l	99
60) Dibromochloromethane	8.816	129	85917	51.43	ug/l	100
61) 1,2-Dibromoethane	8.931	107	85024	52.19	ug/l	99
64) Tetrachloroethene	8.558	164	67730	53.20	ug/l	98
65) Chlorobenzene	9.455	112	187856	49.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	74361	51.69	ug/l	99
67) Ethyl Benzene	9.578	91	348306	51.29	ug/l	99
68) m/p-Xylenes	9.700	106	256200	101.97	ug/l	98
69) o-Xylene	10.108	106	125537	51.19	ug/l	97
70) Styrene	10.121	104	213830	51.78	ug/l	99
71) Bromoform	10.298	173	69684	47.01	ug/l #	99
73) Isopropylbenzene	10.491	105	345932	54.36	ug/l	99
74) N-amyl acetate	10.327	43	213425	52.20	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	141689	51.14	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	136089m	49.12	ug/l	
77) Bromobenzene	10.790	156	90747	51.19	ug/l	97
78) n-propylbenzene	10.912	91	403301	52.93	ug/l	98
79) 2-Chlorotoluene	10.992	91	243918	52.68	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	297303	52.93	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	35551	37.71	ug/l	94
82) 4-Chlorotoluene	11.102	91	289168	51.99	ug/l	99
83) tert-Butylbenzene	11.426	119	288304	52.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	301565	52.25	ug/l	99
85) sec-Butylbenzene	11.651	105	331583	51.23	ug/l	99
86) p-Isopropyltoluene	11.799	119	305190	51.23	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	158931	49.46	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	159885	47.70	ug/l	99
89) n-Butylbenzene	12.214	91	268441	48.11	ug/l	98
90) Hexachloroethane	12.481	117	45298	40.56	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	164448	50.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	38045	48.50	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	104113	48.02	ug/l	99
94) Hexachlorobutadiene	14.028	225	49001	45.05	ug/l	99
95) Naphthalene	14.095	128	351409	51.17	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	105153	49.96	ug/l	99

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

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