

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047761.D
 Acq On : 30 Mar 2022 14:22
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 31 02:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 02:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	314811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	462240	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	482251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	270067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178116	39.350	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.700%
35) Dibromofluoromethane	5.292	113	154820	49.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	7.899	98	636687	54.211	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.420%
62) 4-Bromofluorobenzene	10.632	95	238928	50.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	142028	36.865	ug/l	100
3) Chloromethane	1.523	50	161149	36.248	ug/l	100
4) Vinyl Chloride	1.607	62	156335	36.424	ug/l	100
5) Bromomethane	1.864	94	106303	44.154	ug/l	100
6) Chloroethane	1.938	64	99343	35.235	ug/l	100
7) Trichlorofluoromethane	2.144	101	227765	39.512	ug/l	100
8) Diethyl Ether	2.382	74	94239	41.138	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	145865	42.846	ug/l	100
10) Methyl Iodide	2.726	142	109026	26.738	ug/l	100
11) Tert butyl alcohol	3.356	59	261494m	276.303	ug/l	
12) 1,1-Dichloroethene	2.584	96	136384	40.848	ug/l	100
13) Acrolein	2.501	56	9005	77.114	ug/l	100
14) Allyl chloride	2.928	41	195907	33.879	ug/l	100
15) Acrylonitrile	3.330	53	608508	247.133	ug/l	100
16) Acetone	2.662	43	668993	276.581	ug/l	100
17) Carbon Disulfide	2.800	76	335211	36.353	ug/l	100
18) Methyl Acetate	2.961	43	238233	31.454	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	474168	39.836	ug/l	100
20) Methylene Chloride	3.051	84	160926	39.930	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	145972	42.096	ug/l	100
22) Diisopropyl ether	3.996	45	427084	37.328	ug/l	100
23) Vinyl Acetate	3.964	43	1931629	215.405	ug/l	100
24) 1,1-Dichloroethane	3.874	63	256965	37.475	ug/l	100
25) 2-Butanone	4.726	43	726252	225.633	ug/l	100
26) 2,2-Dichloropropane	4.671	77	230688	40.394	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	170887	41.868	ug/l	100
28) Bromochloromethane	4.977	49	110705	34.167	ug/l	100
29) Tetrahydrofuran	5.067	42	467395	234.896	ug/l	100
30) Chloroform	5.092	83	272411	39.744	ug/l	100
31) Cyclohexane	5.391	56	204802	32.292	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	232019	39.899	ug/l	100
36) 1,1-Dichloropropene	5.530	75	192090	43.847	ug/l	100
37) Ethyl Acetate	4.809	43	320359	59.856	ug/l	100
38) Carbon Tetrachloride	5.530	117	208924	46.615	ug/l	100
39) Methylcyclohexane	6.764	83	244820	45.408	ug/l	100
40) Benzene	5.777	78	577671	44.294	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	125839	47.157	ug/l	100
42) 1,2-Dichloroethane	5.796	62	210380	44.755	ug/l	100
43) Isopropyl Acetate	5.915	43	360964	46.738	ug/l	100
44) Trichloroethene	6.546	130	180223	55.220	ug/l	100
45) 1,2-Dichloropropane	6.793	63	164468	47.340	ug/l	100
46) Dibromomethane	6.922	93	125985	51.331	ug/l	100
47) Bromodichloromethane	7.108	83	236818	51.206	ug/l	100
48) Methyl methacrylate	6.964	41	174630	48.748	ug/l	100
49) 1,4-Dioxane	7.099	88	102941m	1091.112	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	1472134	278.795	ug/l	100
52) Toluene	7.970	92	406471	50.167	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	267635	50.618	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	278242	49.716	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	178812	52.519	ug/l	100
56) Ethyl methacrylate	8.337	69	273977	51.290	ug/l	100
57) 1,3-Dichloropropane	8.578	76	289945	48.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	111363	41.603	ug/l	100
59) 2-Hexanone	8.690	43	1228709	293.307	ug/l	100
60) Dibromochloromethane	8.812	129	204743	56.887	ug/l	100
61) 1,2-Dibromoethane	8.925	107	200166	54.496	ug/l	100
64) Tetrachloroethene	8.555	164	154606	54.991	ug/l	100
65) Chlorobenzene	9.449	112	473548	49.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	172726	50.969	ug/l	100
67) Ethyl Benzene	9.571	91	770551	46.350	ug/l	100
68) m/p-Xylenes	9.693	106	639616	100.818	ug/l	100
69) o-Xylene	10.102	106	311540	50.396	ug/l	100
70) Styrene	10.115	104	529406	50.775	ug/l	100
71) Bromoform	10.295	173	184391	62.601	ug/l #	100
73) Isopropylbenzene	10.484	105	812144	47.025	ug/l	100
74) N-amyl acetate	10.324	43	336708	43.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	332456	47.998	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	381894	47.297	ug/l	100
77) Bromobenzene	10.783	156	221720	51.558	ug/l	100
78) n-propylbenzene	10.906	91	950859	44.578	ug/l	100
79) 2-Chlorotoluene	10.986	91	560846	44.425	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	682949	45.564	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	113115	49.867	ug/l	100
82) 4-Chlorotoluene	11.098	91	667881	45.091	ug/l	100
83) tert-Butylbenzene	11.420	119	654126	45.722	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	648388	43.997	ug/l	100
85) sec-Butylbenzene	11.645	105	823410	43.709	ug/l	100
86) p-Isopropyltoluene	11.793	119	714149	45.190	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	422250	48.950	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	426958	48.990	ug/l	100
89) n-Butylbenzene	12.208	91	656825	43.339	ug/l	100
90) Hexachloroethane	12.478	117	135159	46.638	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	415379	49.636	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	81886	50.167	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	313163	53.299	ug/l	100
94) Hexachlorobutadiene	14.021	225	155734	59.381	ug/l	100
95) Naphthalene	14.085	128	1007318	51.458	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	316906	54.275	ug/l	100

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

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