

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045554.D
 Acq On : 05 Nov 2021 13:10
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 05 13:29:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:27:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	135275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	235999	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	236857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	132136	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	301016	136.682	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 273.360%#	
35) Dibromofluoromethane	5.292	113	235258	156.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 313.560%#	
50) Toluene-d8	7.902	98	904596	153.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 307.460%#	
62) 4-Bromofluorobenzene	10.635	95	388641	173.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 346.640%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	281464	156.603	ug/l	100
3) Chloromethane	1.520	50	297923	110.679	ug/l	100
4) Vinyl Chloride	1.604	62	306527	137.172	ug/l	100
5) Bromomethane	1.832	94	126010	92.889	ug/l	98
6) Chloroethane	1.916	64	185631	137.879	ug/l	98
7) Trichlorofluoromethane	2.131	101	396228	158.370	ug/l	99
8) Diethyl Ether	2.375	74	157953	136.168	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	234317	155.886	ug/l	97
10) Methyl Iodide	2.719	142	307646	258.088	ug/l	93
11) Tert butyl alcohol	3.202	59	327743	689.438	ug/l	100
12) 1,1-Dichloroethene	2.578	96	227753	147.366	ug/l	97
13) Acrolein	2.485	56	49683	466.963	ug/l	98
14) Allyl chloride	2.922	41	419166	147.702	ug/l	98
15) Acrylonitrile	3.314	53	846676	734.612	ug/l	98
16) Acetone	2.626	43	729628	729.758	ug/l	98
17) Carbon Disulfide	2.790	76	639329	142.147	ug/l	99
18) Methyl Acetate	2.948	43	537308	144.314	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	843596	148.355	ug/l	100
20) Methylene Chloride	3.044	84	264438	132.730	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	243346	146.114	ug/l	97
22) Diisopropyl ether	3.996	45	811878	146.296	ug/l	90
23) Vinyl Acetate	3.957	43	3244375	753.674	ug/l	100
24) 1,1-Dichloroethane	3.870	63	478921	147.270	ug/l	100
25) 2-Butanone	4.703	43	1108768	734.594	ug/l	99
26) 2,2-Dichloropropane	4.668	77	408180	162.018	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	286933	149.720	ug/l	100
28) Bromochloromethane	4.976	49	219891	137.084	ug/l	97
29) Tetrahydrofuran	5.050	42	669267	683.732	ug/l	99
30) Chloroform	5.092	83	461754	146.439	ug/l	100
31) Cyclohexane	5.391	56	435288	132.756	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	410735	158.718	ug/l	97
36) 1,1-Dichloropropene	5.530	75	356462	158.673	ug/l	99
37) Ethyl Acetate	4.803	43	402650	147.994	ug/l	98
38) Carbon Tetrachloride	5.526	117	357624	182.529	ug/l	99
39) Methylcyclohexane	6.767	83	454838	162.811	ug/l	95
40) Benzene	5.777	78	1020994	150.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	224469	155.896	ug/l	99
42) 1,2-Dichloroethane	5.796	62	377163	151.855	ug/l	99
43) Isopropyl Acetate	5.912	43	646716	157.727	ug/l	98
44) Trichloroethene	6.546	130	255650	163.108	ug/l	99
45) 1,2-Dichloropropane	6.793	63	280250	157.470	ug/l	100
46) Dibromomethane	6.922	93	193378	166.877	ug/l	99
47) Bromodichloromethane	7.108	83	377596	165.570	ug/l	97
48) Methyl methacrylate	6.964	41	312269	160.679	ug/l	97
49) 1,4-Dioxane	6.967	88	147061	2977.490	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	2235532	843.562	ug/l	100
52) Toluene	7.973	92	655825	159.535	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	458637	176.444	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	473090	169.949	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	273684	162.988	ug/l	99
56) Ethyl methacrylate	8.336	69	488543	182.614	ug/l	97
57) 1,3-Dichloropropane	8.581	76	483012	162.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1223274	794.778	ug/l	99
59) 2-Hexanone	8.690	43	1792235	872.867	ug/l	100
60) Dibromochloromethane	8.816	129	302959	187.995	ug/l	99
61) 1,2-Dibromoethane	8.928	107	298119	169.500	ug/l	99
64) Tetrachloroethene	8.555	164	205695	151.925	ug/l	98
65) Chlorobenzene	9.452	112	712246	158.601	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	266111	175.635	ug/l	97
67) Ethyl Benzene	9.574	91	1321766	160.675	ug/l	100
68) m/p-Xylenes	9.697	106	1018265	327.919	ug/l	100
69) o-Xylene	10.105	106	501633	165.671	ug/l	99
70) Styrene	10.118	104	881708	173.627	ug/l	99
71) Bromoform	10.295	173	251604	205.435	ug/l #	100
73) Isopropylbenzene	10.488	105	1338051	150.178	ug/l	100
74) N-amyl acetate	10.324	43	661610	161.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	518352	146.585	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	627166	178.141	ug/l	94
77) Bromobenzene	10.787	156	324509	156.098	ug/l	97
78) n-propylbenzene	10.909	91	1682290	155.738	ug/l	100
79) 2-Chlorotoluene	10.992	91	989518	152.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1203626	160.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	191935	165.309	ug/l	93
82) 4-Chlorotoluene	11.102	91	1171298	158.419	ug/l	99
83) tert-Butylbenzene	11.423	119	1183033	163.475	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	1224706	163.034	ug/l	100
85) sec-Butylbenzene	11.648	105	1550908	163.311	ug/l	100
86) p-Isopropyltoluene	11.796	119	1305410	169.849	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	648208	157.960	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	654579	155.988	ug/l	100
89) n-Butylbenzene	12.211	91	1278378	173.291	ug/l	99
90) Hexachloroethane	12.481	117	242310	178.760	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	635851	154.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	133664	157.372	ug/l	95
93) 1,2,4-Trichlorobenzene	13.844	180	454696	165.430	ug/l	99
94) Hexachlorobutadiene	14.024	225	192023	191.875	ug/l	99
95) Naphthalene	14.089	128	1620758	162.999	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	443475	160.069	ug/l	100

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

