

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047771.D
 Acq On : 31 Mar 2022 13:23
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 31 13:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 13:10:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	358676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	531695	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	544311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	326870	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	576080	140.956	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 281.920%#	
35) Dibromofluoromethane	5.292	113	528147	146.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 292.160%#	
50) Toluene-d8	7.899	98	1924542	142.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 284.180%#	
62) 4-Bromofluorobenzene	10.635	95	816151	158.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 316.440%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	611179	196.137	ug/l	100
3) Chloromethane	1.523	50	650059	174.189	ug/l	99
4) Vinyl Chloride	1.607	62	627132	181.656	ug/l	100
5) Bromomethane	1.861	94	414182	172.951	ug/l	98
6) Chloroethane	1.938	64	384372	170.779	ug/l	97
7) Trichlorofluoromethane	2.137	101	895375	172.673	ug/l	98
8) Diethyl Ether	2.378	74	321575	151.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	510578	160.003	ug/l	99
10) Methyl Iodide	2.723	142	547425	242.180	ug/l	99
11) Tert butyl alcohol	3.356	59	814162	762.184	ug/l	89
12) 1,1-Dichloroethene	2.581	96	495844	162.576	ug/l	97
13) Acrolein	2.494	56	382256	1249.990	ug/l	100
14) Allyl chloride	2.925	41	726738	166.214	ug/l	99
15) Acrylonitrile	3.330	53	1941342	767.169	ug/l	100
16) Acetone	2.658	43	1997306	715.700	ug/l	100
17) Carbon Disulfide	2.793	76	1462704	181.150	ug/l	100
18) Methyl Acetate	2.957	43	769765	150.630	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	1621139	162.977	ug/l	99
20) Methylene Chloride	3.047	84	567816	151.077	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	545012	169.521	ug/l	98
22) Diisopropyl ether	3.996	45	1463961	160.693	ug/l	87
23) Vinyl Acetate	3.960	43	6968163	861.505	ug/l	100
24) 1,1-Dichloroethane	3.870	63	930361	157.609	ug/l	99
25) 2-Butanone	4.722	43	2681273	802.030	ug/l	98
26) 2,2-Dichloropropane	4.668	77	841607	161.566	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	627779	163.296	ug/l	99
28) Bromochloromethane	4.980	49	355742	150.719	ug/l	99
29) Tetrahydrofuran	5.063	42	1632805	773.607	ug/l	100
30) Chloroform	5.092	83	974486	154.493	ug/l	99
31) Cyclohexane	5.391	56	829466	166.752	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	858252	159.390	ug/l	99
36) 1,1-Dichloropropene	5.529	75	754303	165.415	ug/l	99
37) Ethyl Acetate	4.809	43	968295	141.977	ug/l	# 92
38) Carbon Tetrachloride	5.526	117	789807	160.949	ug/l	100
39) Methylcyclohexane	6.764	83	954350	177.870	ug/l	100
40) Benzene	5.777	78	2170632	157.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	458815	162.285	ug/l	98
42) 1,2-Dichloroethane	5.796	62	746602	151.241	ug/l	99
43) Isopropyl Acetate	5.915	43	1359297	166.992	ug/l	99
44) Trichloroethene	6.546	130	631144	159.796	ug/l	97
45) 1,2-Dichloropropane	6.793	63	559707	158.766	ug/l	99
46) Dibromomethane	6.922	93	432852	160.195	ug/l	99
47) Bromodichloromethane	7.108	83	802652	157.870	ug/l	100
48) Methyl methacrylate	6.967	41	632353	174.850	ug/l	99
49) 1,4-Dioxane	7.066	88	349558	3240.603	ug/l #	4
51) 4-Methyl-2-Pentanone	7.806	43	4891905	820.063	ug/l	99
52) Toluene	7.973	92	1434597	166.432	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	984651	175.770	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	993333	173.423	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	621715	159.662	ug/l	98
56) Ethyl methacrylate	8.340	69	1023321	187.274	ug/l	100
57) 1,3-Dichloropropane	8.581	76	1018432	163.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	524458	1329.540	ug/l	99
59) 2-Hexanone	8.700	43	4031316	807.201	ug/l	99
60) Dibromochloromethane	8.816	129	746386	168.297	ug/l	100
61) 1,2-Dibromoethane	8.928	107	714769	164.972	ug/l	99
64) Tetrachloroethene	8.555	164	561348	156.576	ug/l	99
65) Chlorobenzene	9.449	112	1699629	159.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	641272	162.921	ug/l	99
67) Ethyl Benzene	9.574	91	2902392	169.812	ug/l	100
68) m/p-Xylenes	9.697	106	2328698	342.736	ug/l	100
69) o-Xylene	10.105	106	1153894	174.778	ug/l	100
70) Styrene	10.118	104	1969059	180.061	ug/l	100
71) Bromoform	10.298	173	690877	171.258	ug/l #	99
73) Isopropylbenzene	10.488	105	2994608	166.325	ug/l	100
74) N-amyl acetate	10.327	43	1231125	171.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	1170515	149.956	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	1374994	155.422	ug/l	99
77) Bromobenzene	10.787	156	833431	157.500	ug/l	100
78) n-propylbenzene	10.909	91	3616736	169.997	ug/l	99
79) 2-Chlorotoluene	10.989	91	2092480	160.676	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	2605639	171.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	430313	170.778	ug/l	96
82) 4-Chlorotoluene	11.098	91	2486670	164.984	ug/l	100
83) tert-Butylbenzene	11.423	119	2674553	174.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	2562927	171.733	ug/l	100
85) sec-Butylbenzene	11.648	105	3320317	176.636	ug/l	100
86) p-Isopropyltoluene	11.796	119	2856641	178.079	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	1614745	158.361	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	1606525	151.678	ug/l	100
89) n-Butylbenzene	12.211	91	2631671	175.245	ug/l	100
90) Hexachloroethane	12.478	117	556515	173.650	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	1552350	154.979	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	290944	155.913	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	1164016	166.338	ug/l	100
94) Hexachlorobutadiene	14.024	225	573251	161.506	ug/l	100
95) Naphthalene	14.089	128	3560591	175.921	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	1133496	164.320	ug/l	99

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

