

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047762.D
 Acq On : 30 Mar 2022 14:58
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 31 02:22:26 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	5.375	168	348237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	513382	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	511656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	307239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	387605	77.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	154.820%#
35) Dibromofluoromethane	5.292	113	344586	99.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	199.020%#
50) Toluene-d8	7.899	98	1264338	96.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	193.860%#
62) 4-Bromofluorobenzene	10.635	95	515712	99.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	198.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	287643	67.495	ug/l	99
3) Chloromethane	1.523	50	322322	65.543	ug/l	99
4) Vinyl Chloride	1.607	62	316249	66.609	ug/l	100
5) Bromomethane	1.861	94	215586	80.951	ug/l	98
6) Chloroethane	1.938	64	202697	64.991	ug/l	98
7) Trichlorofluoromethane	2.141	101	469746	73.667	ug/l	99
8) Diethyl Ether	2.379	74	192493	75.963	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	289800	76.955	ug/l	98
10) Methyl Iodide	2.726	142	261071	57.880	ug/l	100
11) Tert butyl alcohol	3.353	59	492403	470.348	ug/l	91
12) 1,1-Dichloroethene	2.581	96	273041	73.929	ug/l	100
13) Acrolein	2.494	56	7635	59.107	ug/l	91
14) Allyl chloride	2.928	41	413235	64.603	ug/l	99
15) Acrylonitrile	3.330	53	1199863	440.526	ug/l	100
16) Acetone	2.662	43	1292899	483.215	ug/l	100
17) Carbon Disulfide	2.797	76	677494	66.420	ug/l	100
18) Methyl Acetate	2.957	43	476279	56.847	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	976091	74.133	ug/l	100
20) Methylene Chloride	3.051	84	325915	73.106	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	300032	78.219	ug/l	98
22) Diisopropyl ether	3.996	45	887069	70.090	ug/l	95
23) Vinyl Acetate	3.960	43	4139065	417.263	ug/l	100
24) 1,1-Dichloroethane	3.874	63	546751	72.084	ug/l	99
25) 2-Butanone	4.723	43	1634917	459.183	ug/l	99
26) 2,2-Dichloropropane	4.668	77	490856	77.700	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	363348	80.477	ug/l	100
28) Bromochloromethane	4.980	49	234024	65.294	ug/l	99
29) Tetrahydrofuran	5.067	42	993953	451.577	ug/l	99
30) Chloroform	5.092	83	583167	76.916	ug/l	100
31) Cyclohexane	5.391	56	437399	62.348	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	501285	77.929	ug/l	98
36) 1,1-Dichloropropene	5.530	75	423872	87.116	ug/l	99
37) Ethyl Acetate	4.809	43	623304	104.857	ug/l	# 94
38) Carbon Tetrachloride	5.530	117	447614	89.923	ug/l	100
39) Methylcyclohexane	6.764	83	484033	80.832	ug/l	99
40) Benzene	5.777	78	1253802	86.561	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	278876	94.095	ug/l	98
42) 1,2-Dichloroethane	5.796	62	442778	84.810	ug/l	99
43) Isopropyl Acetate	5.915	43	790389	92.146	ug/l	99
44) Trichloroethene	6.546	130	350842	96.789	ug/l	98
45) 1,2-Dichloropropane	6.793	63	317501	82.284	ug/l	99
46) Dibromomethane	6.922	93	243200	89.217	ug/l	99
47) Bromodichloromethane	7.108	83	452033	88.004	ug/l	99
48) Methyl methacrylate	6.964	41	354127	89.007	ug/l	100
49) 1,4-Dioxane	7.083	88	196844m	1878.581	ug/l	
51) 4-Methyl-2-Pentanone	7.800	43	2842372	484.669	ug/l	100
52) Toluene	7.970	92	795031	88.349	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	557255	94.896	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	533704	85.862	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	364082	96.283	ug/l	99
56) Ethyl methacrylate	8.337	69	585288	98.654	ug/l	100
57) 1,3-Dichloropropane	8.578	76	593271	88.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	257761	86.702	ug/l	100
59) 2-Hexanone	8.693	43	2473307	531.592	ug/l	100
60) Dibromochloromethane	8.812	129	425323	106.403	ug/l	100
61) 1,2-Dibromoethane	8.925	107	409069	100.276	ug/l	99
64) Tetrachloroethene	8.555	164	316734	106.183	ug/l	98
65) Chlorobenzene	9.449	112	970776	96.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	369372	102.733	ug/l	99
67) Ethyl Benzene	9.571	91	1647648	93.413	ug/l	100
68) m/p-Xylenes	9.697	106	1323414	196.611	ug/l	100
69) o-Xylene	10.102	106	651629	99.353	ug/l	100
70) Styrene	10.118	104	1116610	100.939	ug/l	100
71) Bromoform	10.295	173	394367	126.194	ug/l #	100
73) Isopropylbenzene	10.484	105	1708490	86.958	ug/l	99
74) N-amyl acetate	10.324	43	716717	82.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	707984	89.848	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	823490	89.649	ug/l	99
77) Bromobenzene	10.783	156	482069	98.537	ug/l	99
78) n-propylbenzene	10.909	91	2068693	85.251	ug/l	100
79) 2-Chlorotoluene	10.989	91	1217900	84.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	1475935	86.557	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	250205	96.958	ug/l	97
82) 4-Chlorotoluene	11.098	91	1432057	84.985	ug/l	100
83) tert-Butylbenzene	11.423	119	1520685	93.432	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	1472361	87.821	ug/l	100
85) sec-Butylbenzene	11.645	105	1900273	88.668	ug/l	100
86) p-Isopropyltoluene	11.793	119	1631171	90.730	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	937356	95.518	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	952461	96.064	ug/l	100
89) n-Butylbenzene	12.211	91	1487219	86.258	ug/l	99
90) Hexachloroethane	12.478	117	292892	88.838	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	918649	96.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	173596	93.485	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	694204	103.855	ug/l	100
94) Hexachlorobutadiene	14.021	225	332488	111.439	ug/l	100
95) Naphthalene	14.085	128	2120889	95.235	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	668429	100.628	ug/l	99

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

