

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048672.D
 Acq On : 26 May 2022 11:06
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: May 27 05:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	226882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	360953	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	340401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	186737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172190	50.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.080%	
35) Dibromofluoromethane	5.292	113	129436	50.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	7.899	98	461418	49.986	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	10.632	95	177329	50.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	119801	46.125	ug/l	100
3) Chloromethane	1.523	50	151610	45.344	ug/l	100
4) Vinyl Chloride	1.604	62	148205	47.858	ug/l	100
5) Bromomethane	1.851	94	88096	45.589	ug/l	100
6) Chloroethane	1.932	64	88154	45.693	ug/l	100
7) Trichlorofluoromethane	2.137	101	211302	47.776	ug/l	100
8) Diethyl Ether	2.375	74	78619	48.170	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	111913	46.227	ug/l	100
10) Methyl Iodide	2.723	142	183828	57.577	ug/l	100
11) Tert butyl alcohol	3.189	59	188814	426.051	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	109281	47.324	ug/l	100
13) Acrolein	2.488	56	68940	206.997	ug/l	100
14) Allyl chloride	2.925	41	206620	46.197	ug/l	100
15) Acrylonitrile	3.311	53	454105	242.378	ug/l	100
16) Acetone	2.626	43	389468	224.288	ug/l	100
17) Carbon Disulfide	2.793	76	302858	44.927	ug/l	100
18) Methyl Acetate	2.948	43	201524	46.223	ug/l	100
19) Methyl tert-butyl Ether	3.363	73	426909	48.723	ug/l	100
20) Methylene Chloride	3.047	84	134690	45.613	ug/l	100
21) trans-1,2-Dichloroethene	3.353	96	122901	46.528	ug/l	100
22) Diisopropyl ether	3.993	45	413726	50.148	ug/l	100
23) Vinyl Acetate	3.954	43	1838670	257.228	ug/l	100
24) 1,1-Dichloroethane	3.871	63	248723	48.002	ug/l	100
25) 2-Butanone	4.700	43	606862	243.271	ug/l	100
26) 2,2-Dichloropropane	4.665	77	216960	46.673	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	142473	46.599	ug/l	100
28) Bromochloromethane	4.973	49	103611	50.980	ug/l	100
29) Tetrahydrofuran	5.051	42	387178	242.470	ug/l	100
30) Chloroform	5.089	83	250996	48.412	ug/l	100
31) Cyclohexane	5.391	56	202149	47.077	ug/l	100
32) 1,1,1-Trichloroethane	5.317	97	224343	47.695	ug/l	100
36) 1,1-Dichloropropene	5.526	75	176738	47.025	ug/l	100
37) Ethyl Acetate	4.800	43	226982	46.328	ug/l	100
38) Carbon Tetrachloride	5.526	117	204262	47.373	ug/l	100
39) Methylcyclohexane	6.764	83	189527	48.094	ug/l	100
40) Benzene	5.774	78	518173	46.700	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	121010	50.401	ug/l	100
42) 1,2-Dichloroethane	5.793	62	206318	47.501	ug/l	100
43) Isopropyl Acetate	5.909	43	333210	48.319	ug/l	100
44) Trichloroethene	6.542	130	134833	47.167	ug/l	100
45) 1,2-Dichloropropane	6.790	63	142936	51.170	ug/l	100
46) Dibromomethane	6.919	93	102080	48.913	ug/l	100
47) Bromodichloromethane	7.105	83	198201	46.963	ug/l	100
48) Methyl methacrylate	6.960	41	155127	50.110	ug/l	100
49) 1,4-Dioxane	6.973	88	65118	940.958	ug/l	100
51) 4-Methyl-2-Pentanone	7.790	43	1132925	253.013	ug/l	100
52) Toluene	7.970	92	329207	49.603	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	220571	48.449	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	233233	49.439	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	136844	46.719	ug/l	100
56) Ethyl methacrylate	8.333	69	210840	51.570	ug/l	100
57) 1,3-Dichloropropane	8.575	76	234516	47.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	203316	254.104	ug/l	100
59) 2-Hexanone	8.684	43	884892	240.716	ug/l	100
60) Dibromochloromethane	8.809	129	158137	48.163	ug/l	100
61) 1,2-Dibromoethane	8.925	107	150516	46.660	ug/l	100
64) Tetrachloroethene	8.555	164	119394	45.644	ug/l	100
65) Chlorobenzene	9.446	112	347850	48.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	134596	49.253	ug/l	100
67) Ethyl Benzene	9.571	91	615619	50.699	ug/l	100
68) m/p-Xylenes	9.693	106	492838	103.774	ug/l	100
69) o-Xylene	10.099	106	235122	50.392	ug/l	100
70) Styrene	10.115	104	403617	52.592	ug/l	100
71) Bromoform	10.291	173	126964	50.249	ug/l #	100
73) Isopropylbenzene	10.484	105	624505	51.802	ug/l	100
74) N-amyl acetate	10.320	43	278964	53.524	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.780	83	233693	47.501	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	285392	55.484	ug/l	100
77) Bromobenzene	10.780	156	156288	48.272	ug/l	100
78) n-propylbenzene	10.906	91	745818	51.918	ug/l	100
79) 2-Chlorotoluene	10.986	91	446221	49.950	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	545527	52.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	81666	49.249	ug/l	100
82) 4-Chlorotoluene	11.095	91	528343	51.259	ug/l	100
83) tert-Butylbenzene	11.420	119	515013	51.183	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	548022	53.704	ug/l	100
85) sec-Butylbenzene	11.642	105	654622	52.003	ug/l	100
86) p-Isopropyltoluene	11.793	119	566166	52.374	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	304633	47.990	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	307998	46.962	ug/l	100
89) n-Butylbenzene	12.208	91	505773	53.241	ug/l	100
90) Hexachloroethane	12.475	117	101187	45.865	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	303751	47.367	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	68570	48.407	ug/l	100
93) 1,2,4-Trichlorobenzene	13.838	180	208094	49.450	ug/l	100
94) Hexachlorobutadiene	14.018	225	90229	44.734	ug/l	100
95) Naphthalene	14.086	128	681494	52.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	208571	50.042	ug/l	100

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

