

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048755.D
 Acq On : 31 May 2022 21:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	239627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	394836	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183946	51.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.220%	
35) Dibromofluoromethane	5.288	113	146094	51.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.720%	
50) Toluene-d8	7.899	98	515866	51.089	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	10.632	95	191873	50.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	127572	46.505	ug/l	100
3) Chloromethane	1.520	50	159739	45.234	ug/l	99
4) Vinyl Chloride	1.600	62	163240	49.909	ug/l	98
5) Bromomethane	1.838	94	77162	41.672	ug/l	98
6) Chloroethane	1.922	64	96114	53.703	ug/l	96
7) Trichlorofluoromethane	2.131	101	221132	47.340	ug/l	99
8) Diethyl Ether	2.375	74	84682	49.126	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.575	101	120945	47.300	ug/l	99
10) Methyl Iodide	2.719	142	170758	45.262	ug/l	98
11) Tert butyl alcohol	3.179	59	256744	281.400	ug/l #	41
12) 1,1-Dichloroethene	2.578	96	120227	49.295	ug/l	99
13) Acrolein	2.485	56	50028	164.002	ug/l	100
14) Allyl chloride	2.919	41	247330	52.358	ug/l	97
15) Acrylonitrile	3.311	53	559041	282.517	ug/l	99
16) Acetone	2.623	43	472125	257.428	ug/l	99
17) Carbon Disulfide	2.790	76	326899	45.914	ug/l	100
18) Methyl Acetate	2.944	43	269084	58.436	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	488460	52.783	ug/l	97
20) Methylene Chloride	3.041	84	159575	51.166	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	134360	48.161	ug/l	95
22) Diisopropyl ether	3.989	45	499707	57.348	ug/l	98
23) Vinyl Acetate	3.954	43	2166297	286.943	ug/l	99
24) 1,1-Dichloroethane	3.867	63	284847	52.050	ug/l	99
25) 2-Butanone	4.700	43	757166	287.380	ug/l	99
26) 2,2-Dichloropropane	4.665	77	184301	37.538	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	162200	50.229	ug/l	96
28) Bromochloromethane	4.973	49	120212	56.002	ug/l	98
29) Tetrahydrofuran	5.047	42	485830	292.741	ug/l	98
30) Chloroform	5.089	83	280172	51.166	ug/l	99
31) Cyclohexane	5.388	56	227028	50.059	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	245707	49.459	ug/l	99
36) 1,1-Dichloropropene	5.526	75	196451	47.785	ug/l	99
37) Ethyl Acetate	4.803	43	273647	52.652	ug/l	99
38) Carbon Tetrachloride	5.523	117	213335	45.231	ug/l	97
39) Methylcyclohexane	6.764	83	214181	49.686	ug/l	97
40) Benzene	5.774	78	595156	49.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	147957	56.336	ug/l	99
42) 1,2-Dichloroethane	5.793	62	231072	48.635	ug/l	99
43) Isopropyl Acetate	5.909	43	406132	53.840	ug/l	100
44) Trichloroethene	6.542	130	144714	46.280	ug/l	96
45) 1,2-Dichloropropane	6.790	63	171239	56.041	ug/l	97
46) Dibromomethane	6.919	93	117278	51.373	ug/l	98
47) Bromodichloromethane	7.105	83	227424	49.263	ug/l	99
48) Methyl methacrylate	6.960	41	194090	57.315	ug/l	99
49) 1,4-Dioxane	6.960	88	82367	1088.069	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	1393361	284.472	ug/l	100
52) Toluene	7.970	92	372398	51.295	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	246218	49.441	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	260458	50.472	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	158209	49.378	ug/l	98
56) Ethyl methacrylate	8.333	69	260274	51.333	ug/l	99
57) 1,3-Dichloropropane	8.578	76	278814	51.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	302274	262.368	ug/l	98
59) 2-Hexanone	8.684	43	1095313	272.387	ug/l	100
60) Dibromochloromethane	8.812	129	180832	50.349	ug/l	100
61) 1,2-Dibromoethane	8.925	107	170179	48.228	ug/l	100
64) Tetrachloroethene	8.552	164	121550	46.469	ug/l	96
65) Chlorobenzene	9.446	112	401387	50.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	154043	51.025	ug/l	99
67) Ethyl Benzene	9.571	91	711156	53.014	ug/l	99
68) m/p-Xylenes	9.693	106	554865	105.759	ug/l	100
69) o-Xylene	10.102	106	256661	49.794	ug/l	98
70) Styrene	10.115	104	441333	52.055	ug/l	99
71) Bromoform	10.291	173	138224	49.520	ug/l #	99
73) Isopropylbenzene	10.484	105	674078	53.031	ug/l	99
74) N-amyl acetate	10.320	43	330350	51.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	276648	53.333	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	319559	50.339	ug/l	99
77) Bromobenzene	10.783	156	171627	50.276	ug/l	99
78) n-propylbenzene	10.906	91	814842	53.798	ug/l	100
79) 2-Chlorotoluene	10.986	91	491837	52.217	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	590525	53.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	80837	46.235	ug/l	97
82) 4-Chlorotoluene	11.095	91	565290	52.016	ug/l	98
83) tert-Butylbenzene	11.420	119	578198	54.500	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	600474	50.395	ug/l	100
85) sec-Butylbenzene	11.645	105	718080	54.103	ug/l	98
86) p-Isopropyltoluene	11.793	119	614752	53.936	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	331281	49.497	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	332541	48.091	ug/l	99
89) n-Butylbenzene	12.208	91	551221	48.390	ug/l	100
90) Hexachloroethane	12.478	117	110399	47.460	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	332932	49.240	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	76540	51.247	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	219453	49.461	ug/l	98
94) Hexachlorobutadiene	14.021	225	91494	43.022	ug/l	99
95) Naphthalene	14.085	128	757701	48.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	220624	50.204	ug/l	99

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

