

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048673.D
 Acq On : 26 May 2022 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: May 27 05:36:12 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	171185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	242383	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	237217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	238080	92.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 185.220%#	
35) Dibromofluoromethane	5.292	113	173231	100.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 200.360%#	
50) Toluene-d8	7.899	98	898281	144.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 289.840%#	
62) 4-Bromofluorobenzene	10.632	95	250782	106.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 213.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	155201	79.197	ug/l	99
3) Chloromethane	1.520	50	117478	46.567	ug/l	96
4) Vinyl Chloride	1.604	62	141766	60.673	ug/l	100
5) Bromomethane	1.855	94	134820	92.468	ug/l	99
6) Chloroethane	1.925	64	123509	84.847	ug/l	97
7) Trichlorofluoromethane	2.134	101	363855	109.036	ug/l	98
8) Diethyl Ether	2.375	74	128052	103.986	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	145647	79.735	ug/l	92
10) Methyl Iodide	2.719	142	254753	105.753	ug/l	97
11) Tert butyl alcohol	3.195	59	231300	691.731	ug/l #	43
12) 1,1-Dichloroethene	2.578	96	136963	78.610	ug/l	99
13) Acrolein	2.488	56	66994	266.602	ug/l	98
14) Allyl chloride	2.922	41	195422	57.909	ug/l #	78
15) Acrylonitrile	3.314	53	438076	309.899	ug/l	98
16) Acetone	2.629	43	483502	369.034	ug/l	92
17) Carbon Disulfide	2.790	76	342785	67.395	ug/l	100
18) Methyl Acetate	2.948	43	180141	54.762	ug/l #	88
19) Methyl tert-butyl Ether	3.362	73	557971	84.401	ug/l	94
20) Methylene Chloride	3.044	84	157716	70.789	ug/l	89
21) trans-1,2-Dichloroethene	3.353	96	152660	76.598	ug/l	96
22) Diisopropyl ether	3.993	45	398967	64.093	ug/l #	95
23) Vinyl Acetate	3.954	43	1867642	346.291	ug/l #	93
24) 1,1-Dichloroethane	3.870	63	281581	72.025	ug/l	97
25) 2-Butanone	4.700	43	601389	319.515	ug/l #	89
26) 2,2-Dichloropropane	4.665	77	310898	88.641	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	182975	79.317	ug/l	94
28) Bromochloromethane	4.973	49	99734	65.039	ug/l #	64
29) Tetrahydrofuran	5.051	42	346261	287.399	ug/l #	82
30) Chloroform	5.089	83	331072	84.634	ug/l	97
31) Cyclohexane	5.388	56	218754	67.519	ug/l	86
32) 1,1,1-Trichloroethane	5.317	97	336444	94.801	ug/l	97
36) 1,1-Dichloropropene	5.526	75	230867	91.477	ug/l	98
37) Ethyl Acetate	4.803	43	224418	68.212	ug/l #	97
38) Carbon Tetrachloride	5.526	117	314053	108.466	ug/l	98
39) Methylcyclohexane	6.764	83	251925	95.201	ug/l	93
40) Benzene	5.774	78	619251	83.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	120952	75.020	ug/l	91
42) 1,2-Dichloroethane	5.793	62	294981	101.137	ug/l	98
43) Isopropyl Acetate	5.912	43	354116	76.471	ug/l #	97
44) Trichloroethene	6.542	130	194517	101.333	ug/l	95
45) 1,2-Dichloropropane	6.793	63	149059	79.466	ug/l	98
46) Dibromomethane	6.919	93	130805	93.338	ug/l	90
47) Bromodichloromethane	7.105	83	274119	96.724	ug/l	99
48) Methyl methacrylate	6.960	41	176243	84.780	ug/l	90
49) 1,4-Dioxane	6.989	88	89670	1929.590	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	1291311	429.459	ug/l	97
52) Toluene	7.970	92	680321	152.651	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	405948	132.787	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	298364	94.183	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	277348	141.006	ug/l	97
56) Ethyl methacrylate	8.333	69	365163	133.009	ug/l	97
57) 1,3-Dichloropropane	8.578	76	427456	129.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	286992	534.143	ug/l	91
59) 2-Hexanone	8.690	43	1502406	608.626	ug/l	98
60) Dibromochloromethane	8.812	129	279690	126.854	ug/l	100
61) 1,2-Dibromoethane	8.925	107	269610	124.465	ug/l	100
64) Tetrachloroethene	8.555	164	232689	127.651	ug/l	98
65) Chlorobenzene	9.449	112	494064	98.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	205924	108.131	ug/l	97
67) Ethyl Benzene	9.571	91	851765	100.658	ug/l	100
68) m/p-Xylenes	9.693	106	685482	207.122	ug/l	98
69) o-Xylene	10.102	106	333412	102.541	ug/l	100
70) Styrene	10.115	104	571692	106.895	ug/l	99
71) Bromoform	10.291	173	202585	115.054	ug/l #	99
73) Isopropylbenzene	10.484	105	894596	86.100	ug/l	99
74) N-amyl acetate	10.320	43	318830	70.978	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	292205	68.915	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	375025	84.597	ug/l	97
77) Bromobenzene	10.783	156	240463	86.175	ug/l	90
78) n-propylbenzene	10.906	91	1037190	83.774	ug/l	98
79) 2-Chlorotoluene	10.986	91	629374	81.744	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	830631	91.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	105432	73.772	ug/l	92
82) 4-Chlorotoluene	11.095	91	763648	85.964	ug/l	98
83) tert-Butylbenzene	11.420	119	784768	90.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	805998	91.646	ug/l	100
85) sec-Butylbenzene	11.645	105	950688	87.628	ug/l	97
86) p-Isopropyltoluene	11.793	119	911093	97.791	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	474131	86.663	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	682363	120.720	ug/l	99
89) n-Butylbenzene	12.211	91	1131889	138.249	ug/l	99
90) Hexachloroethane	12.475	117	195045	102.579	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	643728	116.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	150818	123.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	472657	130.324	ug/l	99
94) Hexachlorobutadiene	14.021	225	205083	117.973	ug/l	98
95) Naphthalene	14.086	128	1577464	140.234	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	463181	128.942	ug/l	99

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

