

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049400.D
 Acq On : 27 Jun 2022 12:19
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 12:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	175282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	293632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	278462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	142714	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	256909	93.902	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 187.800%#			
35) Dibromofluoromethane	5.288	113	197101	94.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 189.200%#			
50) Toluene-d8	7.899	98	721524	97.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 194.300%#			
62) 4-Bromofluorobenzene	10.632	95	281427	97.637	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	289147	96.944	ug/l	98
3) Chloromethane	1.520	50	351501	102.822	ug/l	98
4) Vinyl Chloride	1.604	62	284458	96.623	ug/l	99
5) Bromomethane	1.848	94	85676	105.398	ug/l	100
6) Chloroethane	1.919	64	138449	119.285	ug/l	98
7) Trichlorofluoromethane	2.128	101	354674	96.662	ug/l	97
8) Diethyl Ether	2.375	74	126524	100.670	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.575	101	191543	95.468	ug/l	93
10) Methyl Iodide	2.716	142	203656	136.291	ug/l	91
11) Tert butyl alcohol	3.195	59	354805m	616.094	ug/l	
12) 1,1-Dichloroethene	2.575	96	183294	96.803	ug/l	89
13) Acrolein	2.485	56	212125	521.428	ug/l	100
14) Allyl chloride	2.919	41	381229	99.877	ug/l #	88
15) Acrylonitrile	3.314	53	752499	504.717	ug/l	99
16) Acetone	2.629	43	713442	579.550	ug/l	96
17) Carbon Disulfide	2.787	76	552217	97.271	ug/l	99
18) Methyl Acetate	2.948	43	345162	98.693	ug/l	90
19) Methyl tert-butyl Ether	3.362	73	690695	98.225	ug/l	98
20) Methylene Chloride	3.041	84	222267	97.945	ug/l #	87
21) trans-1,2-Dichloroethene	3.350	96	197306	96.305	ug/l	90
22) Diisopropyl ether	3.993	45	717444	96.948	ug/l #	70
23) Vinyl Acetate	3.954	43	3282501	500.661	ug/l #	94
24) 1,1-Dichloroethane	3.867	63	407199	97.054	ug/l	97
25) 2-Butanone	4.703	43	1070293	552.538	ug/l	92
26) 2,2-Dichloropropane	4.665	77	348118	98.727	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	230465	97.794	ug/l	87
28) Bromochloromethane	4.973	49	176578	93.532	ug/l #	73
29) Tetrahydrofuran	5.051	42	679680	507.997	ug/l	86
30) Chloroform	5.089	83	394343	96.016	ug/l	99
31) Cyclohexane	5.388	56	375236	94.287	ug/l	88
32) 1,1,1-Trichloroethane	5.317	97	353145	94.376	ug/l	98
36) 1,1-Dichloropropene	5.526	75	293104	97.231	ug/l	96
37) Ethyl Acetate	4.803	43	393199	89.110	ug/l	96
38) Carbon Tetrachloride	5.523	117	308880	96.172	ug/l	99
39) Methylcyclohexane	6.764	83	368433	97.139	ug/l	90
40) Benzene	5.774	78	869960	96.424	ug/l	99

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41) Methacrylonitrile	4.973	41	204955	102.458	ug/l	89
42) 1,2-Dichloroethane	5.793	62	326704	96.148	ug/l	98
43) Isopropyl Acetate	5.912	43	595913	100.752	ug/l	95
44) Trichloroethene	6.542	130	208545	97.738	ug/l	86
45) 1,2-Dichloropropane	6.790	63	240507	97.718	ug/l	100
46) Dibromomethane	6.919	93	165194	97.842	ug/l	88
47) Bromodichloromethane	7.105	83	318642	98.258	ug/l	100
48) Methyl methacrylate	6.960	41	283408	100.636	ug/l	87
49) 1,4-Dioxane	6.986	88	140415	2092.877	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1979287	492.755	ug/l	94
52) Toluene	7.970	92	534183	99.693	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	358502	100.994	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	381252	100.040	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	219090	96.384	ug/l	99
56) Ethyl methacrylate	8.333	69	382165	97.749	ug/l	90
57) 1,3-Dichloropropane	8.575	76	383460	96.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	142050	445.979	ug/l	94
59) 2-Hexanone	8.687	43	1570399	506.622	ug/l	93
60) Dibromochloromethane	8.812	129	238495	97.871	ug/l	100
61) 1,2-Dibromoethane	8.925	107	237878	98.971	ug/l	100
64) Tetrachloroethene	8.552	164	173222	97.590	ug/l	93
65) Chlorobenzene	9.446	112	551495	97.878	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	213128	96.954	ug/l	98
67) Ethyl Benzene	9.571	91	1056615	100.235	ug/l	96
68) m/p-Xylenes	9.693	106	777192	198.977	ug/l	88
69) o-Xylene	10.102	106	381000	97.477	ug/l	87
70) Styrene	10.115	104	642659	98.828	ug/l	95
71) Bromoform	10.291	173	189021	98.188	ug/l	99
73) Isopropylbenzene	10.484	105	1025742	95.646	ug/l	95
74) N-amyl acetate	10.320	43	533574	97.370	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	408411	94.706	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	467776	95.850	ug/l	98
77) Bromobenzene	10.783	156	233626	93.800	ug/l	82
78) n-propylbenzene	10.906	91	1269018	97.820	ug/l	96
79) 2-Chlorotoluene	10.986	91	736920	94.231	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	899670	96.530	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.549	75	135052	100.077	ug/l	93
82) 4-Chlorotoluene	11.095	91	850963	95.922	ug/l	93
83) tert-Butylbenzene	11.420	119	875788	94.854	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	896218	96.361	ug/l	95
85) sec-Butylbenzene	11.645	105	1121450	95.810	ug/l	97
86) p-Isopropyltoluene	11.793	119	920506	97.303	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	455943	97.066	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	454245	98.710	ug/l	97
89) n-Butylbenzene	12.208	91	875084	106.518	ug/l	98
90) Hexachloroethane	12.475	117	176454	96.060	ug/l	81
91) 1,2-Dichlorobenzene	12.211	146	460767	97.089	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	111897	102.780	ug/l	79
93) 1,2,4-Trichlorobenzene	13.838	180	321379	106.844	ug/l	97
94) Hexachlorobutadiene	14.021	225	148932	97.763	ug/l	99
95) Naphthalene	14.086	128	1132241	108.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	329173	103.530	ug/l	97

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

