

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052663.D
 Acq On : 12 Jan 2023 14:03
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 13 02:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 02:01:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	203231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	366474	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	333272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	178159	54.870	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.740%			
35) Dibromofluoromethane	5.285	113	129546	51.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	7.893	98	466284	48.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.240%			
62) 4-Bromofluorobenzene	10.629	95	153589	43.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1045	0.408	ug/l	84
3) Chloromethane	1.520	50	3357	0.900	ug/l	99
4) Vinyl Chloride	1.604	62	1237	0.385	ug/l	# 80
5) Bromomethane	1.861	94	1205	0.645	ug/l	93
6) Chloroethane	1.935	64	771	0.400	ug/l	# 86
7) Trichlorofluoromethane	2.137	101	1603	0.398	ug/l	92
8) Diethyl Ether	2.375	74	778	0.470	ug/l	# 51
9) 1,1,2-Trichlorotrifluo...	2.581	101	1025	0.425	ug/l	91
10) Methyl Iodide	2.723	142	1762	0.706	ug/l	# 81
11) Tert butyl alcohol	3.253	59	2167m	3.401	ug/l	
12) 1,1-Dichloroethene	2.578	96	1029	0.433	ug/l	86
13) Acrolein	2.491	56	1793	2.331	ug/l	94
14) Allyl chloride	2.919	41	1942	0.415	ug/l	# 81
15) Acrylonitrile	3.330	53	3732m	2.177	ug/l	
16) Acetone	2.645	43	4902	2.944	ug/l	# 88
17) Carbon Disulfide	2.793	76	3766	0.501	ug/l	98
18) Methyl Acetate	2.957	43	2223	0.458	ug/l	# 66
19) Methyl tert-butyl Ether	3.359	73	3442	0.419	ug/l	# 82
20) Methylene Chloride	3.044	84	2646	0.754	ug/l	90
21) trans-1,2-Dichloroethene	3.353	96	1190	0.463	ug/l	# 86
22) Diisopropyl ether	3.986	45	3512	0.391	ug/l	# 73
23) Vinyl Acetate	3.964	43	12584	1.797	ug/l	96
24) 1,1-Dichloroethane	3.864	63	2683	0.507	ug/l	# 82
25) 2-Butanone	4.729	43	4900m	2.143	ug/l	
26) 2,2-Dichloropropane	4.652	77	1886m	0.458	ug/l	
27) cis-1,2-Dichloroethene	4.668	96	1264	0.431	ug/l	90
28) Bromochloromethane	4.976	49	917	0.377	ug/l	# 75
29) Tetrahydrofuran	5.066	42	3200	2.308	ug/l	# 65
30) Chloroform	5.083	83	3925	0.730	ug/l	89
31) Cyclohexane	5.365	56	6378	1.273	ug/l	# 10
32) 1,1,1-Trichloroethane	5.311	97	1930	0.458	ug/l	# 43
36) 1,1-Dichloropropene	5.523	75	1475	0.371	ug/l	# 82
37) Ethyl Acetate	4.822	43	2106m	0.418	ug/l	
38) Carbon Tetrachloride	5.523	117	1361	0.369	ug/l	# 87
39) Methylcyclohexane	6.764	83	1851	0.405	ug/l	# 85
40) Benzene	5.774	78	5111	0.435	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	698m	0.296	ug/l	
42) 1,2-Dichloroethane	5.793	62	2376	0.563	ug/l #	74
43) Isopropyl Acetate	5.912	43	2732	0.414	ug/l #	82
44) Trichloroethene	6.539	130	1115	0.402	ug/l	55
45) 1,2-Dichloropropane	6.790	63	1263	0.389	ug/l #	86
46) Dibromomethane	6.915	93	842	0.413	ug/l	86
47) Bromodichloromethane	7.099	83	1997	0.477	ug/l	99
48) Methyl methacrylate	6.960	41	908	0.296	ug/l	96
49) 1,4-Dioxane	7.034	88	300	5.147	ug/l #	88
51) 4-Methyl-2-Pentanone	7.790	43	7634	1.768	ug/l	94
52) Toluene	7.970	92	3279	0.475	ug/l	92
53) t-1,3-Dichloropropene	8.208	75	1673	0.379	ug/l	96
54) cis-1,3-Dichloropropene	7.603	75	1754	0.365	ug/l	95
55) 1,1,2-Trichloroethane	8.398	97	1146	0.402	ug/l	93
56) Ethyl methacrylate	8.333	69	1477	0.352	ug/l	91
57) 1,3-Dichloropropane	8.571	76	2084	0.410	ug/l	96
59) 2-Hexanone	8.684	43	6181	1.873	ug/l	86
60) Dibromochloromethane	8.809	129	1183	0.400	ug/l	98
61) 1,2-Dibromoethane	8.922	107	1267	0.439	ug/l	95
64) Tetrachloroethene	8.552	164	803	0.371	ug/l #	88
65) Chlorobenzene	9.443	112	2965	0.418	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.533	131	1041	0.406	ug/l #	64
67) Ethyl Benzene	9.568	91	4755	0.386	ug/l	91
68) m/p-Xylenes	9.690	106	3244	0.700	ug/l	94
69) o-Xylene	10.092	106	1675	0.379	ug/l	96
70) Styrene	10.111	104	2348	0.317	ug/l	90
71) Bromoform	10.282	173	735	0.341	ug/l #	84
73) Isopropylbenzene	10.478	105	3796	0.389	ug/l	98
74) N-amyl acetate	10.320	43	1770	0.396	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	10.780	83	1974	0.479	ug/l #	91
76) 1,2,3-Trichloropropane	10.819	75	2234m	0.494	ug/l	
77) Bromobenzene	10.783	156	1225	0.504	ug/l	93
78) n-propylbenzene	10.902	91	5097	0.429	ug/l	96
79) 2-Chlorotoluene	10.986	91	3338	0.459	ug/l	85
80) 1,3,5-Trimethylbenzene	11.082	105	2877	0.350	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.542	75	427m	0.361	ug/l	
82) 4-Chlorotoluene	11.095	91	3688	0.445	ug/l	95
83) tert-Butylbenzene	11.420	119	3589	0.438	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	2955	0.365	ug/l	99
85) sec-Butylbenzene	11.639	105	3520	0.341	ug/l	99
86) p-Isopropyltoluene	11.790	119	3377	0.399	ug/l	92
87) 1,3-Dichlorobenzene	11.741	146	2168	0.463	ug/l	97
88) 1,4-Dichlorobenzene	11.831	146	2419m	0.503	ug/l	
89) n-Butylbenzene	12.208	91	2997	0.389	ug/l	98
90) Hexachloroethane	12.465	117	640	0.385	ug/l	72
91) 1,2-Dichlorobenzene	12.214	146	1977	0.424	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	12.999	75	315	0.358	ug/l	67
93) 1,2,4-Trichlorobenzene	13.835	180	1233	0.451	ug/l	88
94) Hexachlorobutadiene	14.015	225	661	0.459	ug/l	84
95) Naphthalene	14.092	128	4167	0.509	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.333	180	1441	0.527	ug/l	85

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

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

