

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052664.D
 Acq On : 12 Jan 2023 14:26
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 02:03:13 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	191015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	348690	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	317318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	136404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	173216	56.759	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	=	113.520%	
35) Dibromofluoromethane	5.285	113	125783	52.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	104.740%	
50) Toluene-d8	7.893	98	441230	47.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	=	95.700%	
62) 4-Bromofluorobenzene	10.629	95	144170	43.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	86.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1059	0.440	ug/l	95
3) Chloromethane	1.520	50	3211	0.916	ug/l	90
4) Vinyl Chloride	1.607	62	1331	0.441	ug/l #	85
5) Bromomethane	1.858	94	878	0.500	ug/l #	59
6) Chloroethane	1.935	64	827	0.457	ug/l #	88
7) Trichlorofluoromethane	2.137	101	1872	0.494	ug/l	96
8) Diethyl Ether	2.382	74	753	0.484	ug/l	64
9) 1,1,2-Trichlorotrifluo...	2.584	101	949	0.419	ug/l #	79
10) Methyl Iodide	2.716	142	1563	0.666	ug/l #	96
11) Tert butyl alcohol	3.244	59	2308m	3.854	ug/l	
12) 1,1-Dichloroethene	2.578	96	908	0.407	ug/l #	75
13) Acrolein	2.491	56	1912	2.645	ug/l	93
14) Allyl chloride	2.922	41	2138	0.487	ug/l #	73
15) Acrylonitrile	3.324	53	3353	2.081	ug/l #	86
16) Acetone	2.639	43	5145	3.288	ug/l	97
17) Carbon Disulfide	2.793	76	3437	0.486	ug/l	97
18) Methyl Acetate	2.954	43	2120	0.465	ug/l #	69
19) Methyl tert-butyl Ether	3.359	73	3409	0.442	ug/l	98
20) Methylene Chloride	3.047	84	4044	1.227	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	1005m	0.416	ug/l	
22) Diisopropyl ether	3.993	45	3304	0.391	ug/l #	69
23) Vinyl Acetate	3.964	43	12853	1.953	ug/l	97
24) 1,1-Dichloroethane	3.870	63	2433	0.490	ug/l #	82
25) 2-Butanone	4.729	43	4560	2.122	ug/l	99
26) 2,2-Dichloropropane	4.661	77	1583	0.409	ug/l	86
27) cis-1,2-Dichloroethene	4.661	96	1133	0.411	ug/l	61
28) Bromochloromethane	4.967	49	895	0.392	ug/l #	84
29) Tetrahydrofuran	5.067	42	3067	2.353	ug/l #	76
30) Chloroform	5.086	83	4985	0.986	ug/l	100
31) Cyclohexane	5.378	56	6059	1.287	ug/l #	34
32) 1,1,1-Trichloroethane	5.311	97	1758	0.444	ug/l #	41
36) 1,1-Dichloropropene	5.526	75	1552	0.411	ug/l #	66
37) Ethyl Acetate	4.835	43	2352m	0.491	ug/l	
38) Carbon Tetrachloride	5.517	117	1359	0.388	ug/l	89
39) Methylcyclohexane	6.764	83	1699	0.391	ug/l #	80
40) Benzene	5.771	78	4632	0.415	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	754m	0.335	ug/l	
42) 1,2-Dichloroethane	5.796	62	2070	0.515	ug/l	87
43) Isopropyl Acetate	5.915	43	3026	0.481	ug/l #	74
44) Trichloroethene	6.539	130	1195	0.453	ug/l	82
45) 1,2-Dichloropropane	6.787	63	1253	0.405	ug/l	96
46) Dibromomethane	6.912	93	837	0.431	ug/l	86
47) Bromodichloromethane	7.102	83	2099	0.527	ug/l	99
48) Methyl methacrylate	6.967	41	1062	0.364	ug/l #	70
49) 1,4-Dioxane	7.018	88	303m	5.463	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	7682	1.870	ug/l	91
52) Toluene	7.967	92	2674	0.407	ug/l	96
53) t-1,3-Dichloropropene	8.211	75	1555	0.370	ug/l #	74
54) cis-1,3-Dichloropropene	7.603	75	1644	0.359	ug/l	93
55) 1,1,2-Trichloroethane	8.398	97	1205	0.445	ug/l	93
56) Ethyl methacrylate	8.333	69	1429	0.357	ug/l	95
57) 1,3-Dichloropropane	8.574	76	2152	0.445	ug/l #	82
59) 2-Hexanone	8.693	43	5682	1.810	ug/l	95
60) Dibromochloromethane	8.803	129	1150	0.408	ug/l	81
61) 1,2-Dibromoethane	8.919	107	1078	0.392	ug/l	95
64) Tetrachloroethene	8.546	164	770	0.374	ug/l #	87
65) Chlorobenzene	9.439	112	2932	0.434	ug/l	89
66) 1,1,1,2-Tetrachloroethane	9.529	131	1027	0.420	ug/l #	65
67) Ethyl Benzene	9.568	91	4622	0.394	ug/l	93
68) m/p-Xylenes	9.690	106	3105	0.703	ug/l	97
69) o-Xylene	10.099	106	1450	0.345	ug/l	88
70) Styrene	10.111	104	2560	0.363	ug/l	96
71) Bromoform	10.288	173	991	0.484	ug/l #	78
73) Isopropylbenzene	10.484	105	3369	0.361	ug/l	99
74) N-amyl acetate	10.320	43	1414	0.331	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.777	83	2372	0.602	ug/l #	80
76) 1,2,3-Trichloropropane	10.819	75	2351	0.544	ug/l	96
77) Bromobenzene	10.774	156	1060	0.456	ug/l	71
78) n-propylbenzene	10.906	91	4727	0.416	ug/l	91
79) 2-Chlorotoluene	10.983	91	3207	0.462	ug/l	90
80) 1,3,5-Trimethylbenzene	11.086	105	2793	0.355	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	344m	0.304	ug/l	
82) 4-Chlorotoluene	11.095	91	3177	0.401	ug/l	97
83) tert-Butylbenzene	11.417	119	3140	0.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	2874	0.371	ug/l	92
85) sec-Butylbenzene	11.639	105	3171	0.321	ug/l	93
86) p-Isopropyltoluene	11.787	119	2536	0.313	ug/l #	81
87) 1,3-Dichlorobenzene	11.745	146	1893	0.423	ug/l	91
88) 1,4-Dichlorobenzene	11.832	146	2292m	0.499	ug/l	
89) n-Butylbenzene	12.211	91	2671	0.363	ug/l	98
90) Hexachloroethane	12.471	117	612	0.386	ug/l	93
91) 1,2-Dichlorobenzene	12.211	146	2315	0.520	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	12.992	75	353	0.419	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.841	180	1365	0.522	ug/l	79
94) Hexachlorobutadiene	14.015	225	583	0.423	ug/l	82
95) Naphthalene	14.089	128	3670	0.469	ug/l #	75
96) 1,2,3-Trichlorobenzene	14.327	180	1206	0.462	ug/l	92

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

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

