

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052662.D
 Acq On : 12 Jan 2023 13:40
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 02:01:40 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	207994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	376071	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	339757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	143990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	180591	54.345	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.285	113	131980	50.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	7.893	98	475718	47.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.680%			
62) 4-Bromofluorobenzene	10.629	95	155196	43.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1033	0.394	ug/l	86
3) Chloromethane	1.520	50	3552	0.931	ug/l	99
4) Vinyl Chloride	1.604	62	1299	0.395	ug/l	99
5) Bromomethane	1.858	94	1252	0.655	ug/l	94
6) Chloroethane	1.938	64	790	0.401	ug/l #	81
7) Trichlorofluoromethane	2.137	101	1642	0.398	ug/l #	69
8) Diethyl Ether	2.375	74	669	0.395	ug/l #	21
9) 1,1,2-Trichlorotrifluo...	2.584	101	908	0.368	ug/l	89
10) Methyl Iodide	2.726	142	1655	0.648	ug/l #	87
11) Tert butyl alcohol	3.240	59	2532m	3.883	ug/l	
12) 1,1-Dichloroethene	2.581	96	1111	0.457	ug/l	92
13) Acrolein	2.491	56	1946	2.472	ug/l	90
14) Allyl chloride	2.925	41	2106	0.440	ug/l #	85
15) Acrylonitrile	3.327	53	3839	2.189	ug/l	92
16) Acetone	2.652	43	4865	2.855	ug/l	92
17) Carbon Disulfide	2.790	76	4119	0.535	ug/l #	87
18) Methyl Acetate	2.951	43	2297	0.462	ug/l #	87
19) Methyl tert-butyl Ether	3.362	73	3377	0.402	ug/l	100
20) Methylene Chloride	3.047	84	1876	0.523	ug/l #	76
21) trans-1,2-Dichloroethene	3.356	96	1143	0.435	ug/l	92
22) Diisopropyl ether	3.993	45	3564	0.387	ug/l #	89
23) Vinyl Acetate	3.967	43	13068	1.824	ug/l	96
24) 1,1-Dichloroethane	3.867	63	2727	0.504	ug/l #	82
25) 2-Butanone	4.726	43	4425	1.891	ug/l #	78
26) 2,2-Dichloropropane	4.661	77	1755	0.416	ug/l	83
27) cis-1,2-Dichloroethene	4.674	96	1253m	0.417	ug/l	
28) Bromochloromethane	4.970	49	1032	0.415	ug/l #	38
29) Tetrahydrofuran	5.070	42	3084	2.173	ug/l #	62
30) Chloroform	5.083	83	3895	0.708	ug/l	97
31) Cyclohexane	5.372	56	6463	1.261	ug/l #	1
32) 1,1,1-Trichloroethane	5.317	97	1945	0.451	ug/l #	47
36) 1,1-Dichloropropene	5.526	75	1563	0.383	ug/l #	77
37) Ethyl Acetate	4.816	43	1941	0.376	ug/l #	71
38) Carbon Tetrachloride	5.517	117	1480	0.391	ug/l	86
39) Methylcyclohexane	6.758	83	1946	0.415	ug/l	92
40) Benzene	5.771	78	5436	0.451	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	808m	0.333	ug/l	
42) 1,2-Dichloroethane	5.790	62	2313	0.534	ug/l	88
43) Isopropyl Acetate	5.912	43	2538	0.374	ug/l #	80
44) Trichloroethene	6.542	130	1294	0.455	ug/l	94
45) 1,2-Dichloropropane	6.787	63	1516	0.454	ug/l	91
46) Dibromomethane	6.912	93	861	0.411	ug/l	87
47) Bromodichloromethane	7.099	83	1750	0.408	ug/l #	81
48) Methyl methacrylate	6.967	41	1178	0.374	ug/l #	75
49) 1,4-Dioxane	7.066	88	120m	2.006	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	8159	1.842	ug/l	87
52) Toluene	7.970	92	2938	0.415	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	1812	0.400	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	1734	0.351	ug/l #	84
55) 1,1,2-Trichloroethane	8.394	97	1259	0.431	ug/l #	88
56) Ethyl methacrylate	8.337	69	1605	0.372	ug/l #	73
57) 1,3-Dichloropropane	8.574	76	2211	0.424	ug/l	94
59) 2-Hexanone	8.687	43	6106	1.803	ug/l	97
60) Dibromochloromethane	8.803	129	1331	0.438	ug/l	84
61) 1,2-Dibromoethane	8.922	107	1257	0.424	ug/l	93
64) Tetrachloroethene	8.552	164	1086	0.493	ug/l	81
65) Chlorobenzene	9.446	112	3236	0.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.526	131	1164	0.445	ug/l #	60
67) Ethyl Benzene	9.565	91	5218	0.416	ug/l	99
68) m/p-Xylenes	9.690	106	3269	0.691	ug/l	95
69) o-Xylene	10.099	106	1451	0.322	ug/l	71
70) Styrene	10.111	104	2600	0.345	ug/l	95
71) Bromoform	10.285	173	837	0.381	ug/l #	94
73) Isopropylbenzene	10.478	105	3679	0.373	ug/l	94
74) N-amyl acetate	10.320	43	2053	0.456	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	10.777	83	1753	0.422	ug/l #	97
76) 1,2,3-Trichloropropane	10.822	75	2427	0.532	ug/l #	43
77) Bromobenzene	10.780	156	1264	0.515	ug/l	68
78) n-propylbenzene	10.902	91	5382	0.449	ug/l	90
79) 2-Chlorotoluene	10.983	91	3446	0.470	ug/l	98
80) 1,3,5-Trimethylbenzene	11.086	105	3377	0.407	ug/l	90
81) trans-1,4-Dichloro-2-b...	10.542	75	376m	0.315	ug/l	
82) 4-Chlorotoluene	11.095	91	3419	0.409	ug/l	97
83) tert-Butylbenzene	11.420	119	3533	0.427	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	3218	0.393	ug/l	93
85) sec-Butylbenzene	11.642	105	3869	0.371	ug/l	98
86) p-Isopropyltoluene	11.787	119	3200	0.375	ug/l #	84
87) 1,3-Dichlorobenzene	11.745	146	2172	0.459	ug/l	90
88) 1,4-Dichlorobenzene	11.828	146	2826m	0.582	ug/l	
89) n-Butylbenzene	12.208	91	3419	0.440	ug/l	92
90) Hexachloroethane	12.475	117	575	0.343	ug/l	94
91) 1,2-Dichlorobenzene	12.211	146	2371	0.505	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.996	75	295	0.332	ug/l	83
93) 1,2,4-Trichlorobenzene	13.838	180	1562	0.566	ug/l	88
94) Hexachlorobutadiene	14.018	225	719	0.494	ug/l	79
95) Naphthalene	14.086	128	4966	0.601	ug/l	97
96) 1,2,3-Trichlorobenzene	14.330	180	1734	0.629	ug/l	88

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

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

