

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052660.D
 Acq On : 12 Jan 2023 12:30
 Operator : JC/MD
 Sample : VU0112WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 01:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	235437	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.244	114	402020	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	368645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	189279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	181712	48.309	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.285	113	135728	49.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	7.893	98	529046	49.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	10.629	95	190596	49.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	57946	19.531	ug/l	98
3) Chloromethane	1.520	50	76788	18.783	ug/l	97
4) Vinyl Chloride	1.604	62	69426	18.667	ug/l	99
5) Bromomethane	1.858	94	39643	18.329	ug/l	98
6) Chloroethane	1.935	64	40063	17.954	ug/l	97
7) Trichlorofluoromethane	2.134	101	90218	19.319	ug/l	100
8) Diethyl Ether	2.372	74	34903	18.187	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.578	101	53717	19.242	ug/l	93
10) Methyl Iodide	2.723	142	56456	19.520	ug/l	95
11) Tert butyl alcohol	3.350	59	72757m	98.579	ug/l	
12) 1,1-Dichloroethene	2.578	96	52084	18.939	ug/l	88
13) Acrolein	2.488	56	75678	84.927	ug/l	99
14) Allyl chloride	2.922	41	103038	19.024	ug/l #	87
15) Acrylonitrile	3.314	53	185340	93.343	ug/l	99
16) Acetone	2.639	43	147488	76.460	ug/l	100
17) Carbon Disulfide	2.790	76	161106	18.487	ug/l	99
18) Methyl Acetate	2.948	43	105732	18.807	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	184217	19.374	ug/l	97
20) Methylene Chloride	3.044	84	67928	19.253	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	57418	19.292	ug/l	89
22) Diisopropyl ether	3.986	45	202811	19.478	ug/l	83
23) Vinyl Acetate	3.951	43	782994	96.541	ug/l	95
24) 1,1-Dichloroethane	3.864	63	115289	18.821	ug/l	97
25) 2-Butanone	4.707	43	238272	89.964	ug/l	94
26) 2,2-Dichloropropane	4.658	77	90743	19.005	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	64582	19.003	ug/l	88
28) Bromochloromethane	4.970	49	53510	18.997	ug/l #	72
29) Tetrahydrofuran	5.054	42	155009	96.498	ug/l	87
30) Chloroform	5.083	83	113617	18.237	ug/l	100
31) Cyclohexane	5.385	56	111182	19.161	ug/l	95
32) 1,1,1-Trichloroethane	5.311	97	93923	19.258	ug/l	97
36) 1,1-Dichloropropene	5.523	75	82764	18.993	ug/l	96
37) Ethyl Acetate	4.800	43	98015	17.750	ug/l	96
38) Carbon Tetrachloride	5.520	117	78045	19.312	ug/l	99
39) Methylcyclohexane	6.758	83	99083	19.765	ug/l	91
40) Benzene	5.771	78	254721	19.780	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	50211	19.378	ug/l #	88
42) 1,2-Dichloroethane	5.790	62	91412	19.740	ug/l	99
43) Isopropyl Acetate	5.909	43	133626	18.439	ug/l	97
44) Trichloroethene	6.539	130	56748	18.646	ug/l	83
45) 1,2-Dichloropropane	6.787	63	69515	19.493	ug/l	97
46) Dibromomethane	6.916	93	43357	19.374	ug/l #	87
47) Bromodichloromethane	7.102	83	87779	19.126	ug/l	98
48) Methyl methacrylate	6.957	41	63669	18.911	ug/l	88
49) 1,4-Dioxane	7.038	88	27991m	437.751	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	462930	97.752	ug/l	96
52) Toluene	7.964	92	153752	20.301	ug/l	97
53) t-1,3-Dichloropropene	8.205	75	92786	19.156	ug/l	97
54) cis-1,3-Dichloropropene	7.604	75	100692	19.091	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	59689	19.102	ug/l	96
56) Ethyl methacrylate	8.330	69	91305	18.569	ug/l	93
57) 1,3-Dichloropropane	8.571	76	109192	19.566	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	12939	86.869	ug/l	96
59) 2-Hexanone	8.684	43	352312	97.329	ug/l	95
60) Dibromochloromethane	8.806	129	61314	18.890	ug/l	99
61) 1,2-Dibromoethane	8.919	107	62261	19.655	ug/l	100
64) Tetrachloroethene	8.549	164	47655	19.922	ug/l	90
65) Chlorobenzene	9.443	112	155028	19.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.530	131	55359	19.503	ug/l	98
67) Ethyl Benzene	9.565	91	272880	20.037	ug/l	96
68) m/p-Xylenes	9.690	106	215450	42.003	ug/l	95
69) o-Xylene	10.095	106	100446	20.572	ug/l	93
70) Styrene	10.112	104	168226	19.071	ug/l	96
71) Bromoform	10.288	173	44796	18.816	ug/l #	98
73) Isopropylbenzene	10.481	105	267171	20.623	ug/l	96
74) N-amyl acetate	10.317	43	113306	19.138	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.777	83	103175	18.877	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	110882	18.497	ug/l	97
77) Bromobenzene	10.777	156	62316	19.330	ug/l	80
78) n-propylbenzene	10.903	91	324172	20.569	ug/l	97
79) 2-Chlorotoluene	10.983	91	197570	20.498	ug/l	92
80) 1,3,5-Trimethylbenzene	11.083	105	225765	20.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	28997	18.467	ug/l	92
82) 4-Chlorotoluene	11.092	91	227412	20.686	ug/l	93
83) tert-Butylbenzene	11.417	119	218540	20.107	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	220868	20.545	ug/l	99
85) sec-Butylbenzene	11.639	105	279627	20.401	ug/l	97
86) p-Isopropyltoluene	11.790	119	232140	19.281	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	121616	19.563	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	123232	19.318	ug/l	97
89) n-Butylbenzene	12.205	91	198437	18.655	ug/l	97
90) Hexachloroethane	12.472	117	42972	19.515	ug/l	80
91) 1,2-Dichlorobenzene	12.208	146	122005	19.752	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	21372	18.298	ug/l	76
93) 1,2,4-Trichlorobenzene	13.835	180	67212	18.530	ug/l	97
94) Hexachlorobutadiene	14.018	225	36091	18.878	ug/l	98
95) Naphthalene	14.082	128	199526	17.575	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	67939	18.744	ug/l	98

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

