

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047121.D
 Acq On : 11 Feb 2022 17:32
 Operator : SY/MD
 Sample : N1331-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 12 01:29:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	443172	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	410498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	214014	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	151957	37.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.500%
7) Chloroethane-d5	1.919	69	128540	43.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	2.575	63	210309	31.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.060%
21) 2-Butanone-d5	4.633	46	370707	118.758	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.760%
24) Chloroform-d	5.067	84	290409	44.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
26) 1,2-Dichloroethane-d4	5.703	65	196412	46.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
32) Benzene-d6	5.729	84	610892	44.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	6.694	67	205750	46.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.980%
41) Toluene-d8	7.899	98	577467	44.441	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	8.182	79	103719	44.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.440%
47) 2-Hexanone-d5	8.633	63	271916	107.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309988	48.036	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	12.192	152	234746	46.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	8117	1.966	ug/L	96
3) Chloromethane	1.530	50	9139	2.237	ug/L	97
5) Vinyl chloride	1.607	62	8935	2.170	ug/L #	71
6) Bromomethane	1.864	94	4776	1.994	ug/L	91
8) Chloroethane	1.938	64	5028	2.118	ug/L	93
9) Trichlorofluoromethane	2.144	101	9731	2.041	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	7340	2.499	ug/L	86
12) 1,1-Dichloroethene	2.585	96	7200	2.498	ug/L #	1
13) Acetone	2.649	43	10706	4.708	ug/L	72
14) Carbon disulfide	2.800	76	18064	1.997	ug/L	98
15) Methyl Acetate	2.961	43	8833	2.308	ug/L	97
16) Methylene chloride	3.054	84	7605	2.385	ug/L	94
17) trans-1,2-Dichloroethene	3.366	96	6244	2.062	ug/L	86
18) Methyl tert-butyl Ether	3.369	73	20124	1.965	ug/L #	91
19) 1,1-Dichloroethane	3.877	63	11511	2.024	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	7873	2.351	ug/L	95
22) 2-Butanone	4.720	43	12223	4.006	ug/L	72
23) Bromochloromethane	4.980	128	3263	1.837	ug/L	95
27) 1,2-Dichloroethane	5.797	62	9399	2.124	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.395	56	10988	2.042	ug/L	89
30) 1,1,1-Trichloroethane	5.324	97	10277	2.090	ug/L	96
31) Carbon tetrachloride	5.530	117	8525	2.000	ug/L	98
33) Benzene	5.777	78	26062	2.036	ug/L	100
35) Methylcyclohexane	6.768	83	10282	1.843	ug/L	90
37) 1,2-Dichloropropane	6.797	63	7319	2.134	ug/L #	94
38) Bromodichloromethane	7.105	83	8940	2.045	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	11152	2.001	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	23342	4.298	ug/L #	95
42) Toluene	7.970	91	36719	2.611	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	10989	2.052	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	6647	2.058	ug/L	93
46) Tetrachloroethene	8.555	164	5465	2.043	ug/L	94
48) 2-Hexanone	8.687	43	40674	9.056	ug/L #	90
49) Dibromochloromethane	8.813	129	7147	1.912	ug/L	99
50) 1,2-Dibromoethane	8.925	107	7057	1.967	ug/L	98
51) Chlorobenzene	9.449	112	17843	1.979	ug/L	96
52) Ethylbenzene	9.571	91	31329	2.036	ug/L	98
53) m,p-Xylene	9.694	106	11920	1.952	ug/L	98
54) o-xylene	10.102	106	11483	1.910	ug/L	97
55) Styrene	10.115	104	19384	1.874	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	12831	2.253	ug/L #	90
59) Bromoform	10.292	173	5249	1.807	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	9884	2.166	ug/L	97
61) Isopropylbenzene	10.485	105	29397	1.954	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	20131	1.888	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	25645	1.981	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	13440	1.915	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	13893	1.969	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	14121	2.021	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	3280	2.257	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	9980	1.838	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	9131	1.774	ug/L	97
71) Naphthalene	14.086	128	34065	1.870	ug/L	99

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

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