

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047110.D
 Acq On : 11 Feb 2022 13:22
 Operator : SY/MD
 Sample : N1486-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X3941

Quant Time: Feb 12 01:27:05 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	459363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	432939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	233760	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	180198	43.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.380%
7) Chloroethane-d5	1.919	69	144267	46.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.300%
11) 1,1-Dichloroethene-d2	2.572	63	240209	34.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.480%
21) 2-Butanone-d5	4.636	46	389983	120.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.530%
24) Chloroform-d	5.067	84	312418	46.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
26) 1,2-Dichloroethane-d4	5.703	65	211012	48.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
32) Benzene-d6	5.729	84	672840	46.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
36) 1,2-Dichloropropane-d6	6.694	67	221729	47.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	7.899	98	636487	46.444	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	8.182	79	116050	47.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
47) 2-Hexanone-d5	8.639	63	300541	112.390	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.390%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	345500	50.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	262702	47.385	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	60911	14.231	ug/L	98
3) Chloromethane	1.527	50	153809	36.315	ug/L	100
6) Bromomethane	1.864	94	61238	24.665	ug/L	95
9) Trichlorofluoromethane	2.141	101	129843	26.270	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	115075	37.797	ug/L	97
13) Acetone	2.652	43	1126724	478.029	ug/L	96
15) Methyl Acetate	2.957	43	477075	120.278	ug/L	94
16) Methylene chloride	3.051	84	75426	22.818	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	1118227	105.363	ug/L	96
22) 2-Butanone	4.716	43	212766	67.277	ug/L	94
27) 1,2-Dichloroethane	5.797	62	357147	77.851	ug/L	100
29) Cyclohexane	5.391	56	118386	20.864	ug/L	95
34) Trichloroethene	6.543	95	141493	40.338	ug/L	99
35) Methylcyclohexane	6.764	83	360742	61.294	ug/L	96
40) 4-Methyl-2-pentanone	7.797	43	915050	159.754	ug/L	94
42) Toluene	7.970	91	921530	62.132	ug/L	100
46) Tetrachloroethene	8.555	164	57160	20.257	ug/L	97
48) 2-Hexanone	8.690	43	571454	120.639	ug/L	95
51) Chlorobenzene	9.449	112	243842	25.640	ug/L	98

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52) Ethylbenzene	9.571	91	505983	31.171	ug/L	100
53) m,p-Xylene	9.694	106	545981	84.776	ug/L	95
54) o-xylene	10.102	106	260466	41.076	ug/L	97
55) Styrene	10.115	104	665688	61.011	ug/L	98
61) Isopropylbenzene	10.485	105	844008	51.361	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	158916	20.618	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	159509	20.904	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	107307	19.091	ug/L	99

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

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