

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047645.D
 Acq On : 24 Mar 2022 20:23
 Operator : SY/MD
 Sample : N2081-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 24 23:49:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104379	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	110939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61307	80.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	162.000%#
7) Chloroethane-d5	1.919	69	47573	79.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	159.420%#
11) 1,1-Dichloroethene-d2	2.571	63	86040	62.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	124.260%
21) 2-Butanone-d5	4.639	46	112031	172.440	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	172.440%#
24) Chloroform-d	5.066	84	114850	82.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	165.860%#
26) 1,2-Dichloroethane-d4	5.706	65	72688	85.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	171.140%#
32) Benzene-d6	5.732	84	229818	82.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	164.660%#
36) 1,2-Dichloropropane-d6	6.693	67	71223	83.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	166.160%#
41) Toluene-d8	7.899	98	208133	76.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	153.060%#
43) trans-1,3-Dichloroprop...	8.179	79	33780	77.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	155.560%#
47) 2-Hexanone-d5	8.635	63	76131	151.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	151.700%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	111253	75.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	151.240%#
66) 1,2-Dichlorobenzene-d4	12.192	152	93797	80.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	161.840%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	1374	1.485	ug/L	84
5) Vinyl chloride	1.607	62	12596	13.345	ug/L	92
8) Chloroethane	1.938	64	209685	353.896	ug/L	99
12) 1,1-Dichloroethene	2.587	96	7868	10.989	ug/L #	1
13) Acetone	2.658	43	21064	34.840	ug/L	72
14) Carbon disulfide	2.800	76	1390	0.614	ug/L #	87
17) trans-1,2-Dichloroethene	3.359	96	2458	3.183	ug/L	92
18) Methyl tert-butyl Ether	3.372	73	1454	0.667	ug/L #	70
19) 1,1-Dichloroethane	3.877	63	438596	329.301	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	290617	343.256	ug/L	96
22) 2-Butanone	4.722	43	17350	22.277	ug/L	86
29) Cyclohexane	5.388	56	1130m	1.004	ug/L	
30) 1,1,1-Trichloroethane	5.320	97	213413	169.654	ug/L	99
34) Trichloroethene	6.545	95	17545	20.840	ug/L	97
35) Methylcyclohexane	6.764	83	2241	1.750	ug/L	92
42) Toluene	7.970	91	7895	2.241	ug/L	91
46) Tetrachloroethene	8.555	164	51879	68.574	ug/L	98
52) Ethylbenzene	9.571	91	26273	7.092	ug/L	98
53) m,p-Xylene	9.697	106	4314	2.968	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.102	106	15281	10.711	ug/L	97
61) Isopropylbenzene	10.484	105	7596	2.157	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	31326	16.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	154116	53.109	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4584	2.341	ug/L	93

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

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