

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047659.D
 Acq On : 25 Mar 2022 01:40
 Operator : SY/MD
 Sample : N2081-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y5

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 05:31:11 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	6.250	114	347760	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352887	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202263	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97202	38.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.080%		
7) Chloroethane-d5	1.919	69	78887	39.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.340%		
11) 1,1-Dichloroethene-d2	2.572	63	167268	36.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.500%		
21) 2-Butanone-d5	4.642	46	210843	97.408	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.410%		
24) Chloroform-d	5.067	84	188185	40.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.560%		
26) 1,2-Dichloroethane-d4	5.703	65	120986	42.751	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.500%		
32) Benzene-d6	5.729	84	387977	43.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
36) 1,2-Dichloropropane-d6	6.694	67	122196	44.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.620%		
41) Toluene-d8	7.899	98	367166	42.440	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.880%		
43) trans-1,3-Dichloroprop...	8.182	79	58213	42.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.280%		
47) 2-Hexanone-d5	8.636	63	147782	92.572	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.570%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197249	42.147	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	167439	46.531	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.060%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	90566	28.800	ug/L	99
8) Chloroethane	1.938	64	141068	71.461	ug/L	98
9) Trichlorofluoromethane	2.144	101	3797	0.856	ug/L	98
12) 1,1-Dichloroethene	2.584	96	59890	25.106	ug/L	86
13) Acetone	2.662	43	6801m	3.376	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	25031	9.728	ug/L	94
19) 1,1-Dichloroethane	3.874	63	2115521	476.737	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	4403928	1561.243	ug/L	94
27) 1,2-Dichloroethane	5.797	62	17873	4.842	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	2154183	538.361	ug/L	100
33) Benzene	5.777	78	15116	1.480	ug/L	100
34) Trichloroethene	6.546	95	29728	11.101	ug/L	99
35) Methylcyclohexane	6.764	83	6645	1.631	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	12129	2.955	ug/L	99
42) Toluene	7.970	91	129108	11.520	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	3279	1.191	ug/L	93
46) Tetrachloroethene	8.555	164	60157	24.998	ug/L	98
52) Ethylbenzene	9.571	91	24361	2.067	ug/L	98
53) m,p-Xylene	9.694	106	23735	5.133	ug/L	97

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54) o-Xylene	10.102	106	103558	22.819	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	211173	35.605	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	130665	14.504	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	5800	0.954	ug/L #	92

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

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