

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	455363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	382053	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	12.042	152	182102	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122216	41.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.672	69	102778	48.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.880%		
11) 1,1-Dichloroethene-d2	2.306	65	60625	43.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
21) 2-Butanone-d5	4.465	46	206994	105.789	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.790%		
24) Chloroform-d	5.056	84	266977	48.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	5.958	65	178532	50.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.560%		
32) Benzene-d6	5.976	84	561309	51.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.280%		
36) 1,2-Dichloropropane-d6	7.305	67	174605	52.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.160%		
41) Toluene-d8	8.647	98	490255	48.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.760%		
43) trans-1,3-Dichloroprop...	8.952	79	71501	48.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.600%		
47) 2-Hexanone-d5	9.384	63	154246	114.574	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.570%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	223869	54.527	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.060%		
66) 1,2-Dichlorobenzene-d4	12.341	152	158578	44.937	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.880%		
Target Compounds						Qvalue
25) Chloroform	5.099	83	43666	7.975	ug/L	99
29) Cyclohexane	5.470	56	18332	3.971	ug/L	98
31) Carbon tetrachloride	5.678	117	82722	21.771	ug/L	99
33) Benzene	6.056	78	22447542	1940.153	ug/L	100
35) Methylcyclohexane	7.385	83	9048	2.183	ug/L #	81
46) Tetrachloroethene	9.275	164	7327	3.196	ug/L	96
51) Chlorobenzene	10.092	112	28243645m	3571.351	ug/L	
64) 1,3-Dichlorobenzene	11.975	146	5416916	959.197	ug/L	94
65) 1,4-Dichlorobenzene	12.061	146	25733952m	4453.210	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	27713834m	4839.867	ug/L	
70) 1,2,4-trichlorobenzene	13.603	180	11981383m	3665.044	ug/L	
72) 1,2,3-Trichlorobenzene	13.963	180	3160777	979.393	ug/L	98

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

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