

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035194.D
 Acq On : 20 Apr 2023 01:07
 Operator : JC/MD
 Sample : 02378-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK5

Quant Time: Apr 20 05:09:45 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	493558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224744	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	120672	37.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.840%		
7) Chloroethane-d5	1.672	69	95813	41.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.320%		
11) 1,1-Dichloroethene-d2	2.306	65	62103	40.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.560%		
21) 2-Butanone-d5	4.452	46	207047	97.628	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.630%		
24) Chloroform-d	5.056	84	290720	48.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.020%		
26) 1,2-Dichloroethane-d4	5.958	65	185344	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
32) Benzene-d6	5.976	84	577480	45.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
36) 1,2-Dichloropropane-d6	7.305	67	178573	46.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.820%		
41) Toluene-d8	8.647	98	513083	44.565	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.140%		
43) trans-1,3-Dichloroprop...	8.952	79	67305	40.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.040%		
47) 2-Hexanone-d5	9.384	63	147176	95.243	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	227875	48.355	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.700%		
66) 1,2-Dichlorobenzene-d4	12.329	152	194663	44.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	5224	1.772	ug/L #	1
13) Acetone	2.386	43	5617	3.571	ug/L	94
25) Chloroform	5.092	83	511791	86.241	ug/L	98
31) Carbon tetrachloride	5.678	117	26975	6.185	ug/L	99
33) Benzene	6.044	78	15363720	1156.876	ug/L	100
51) Chlorobenzene	10.085	112	11864681m	1307.047	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	3032195	435.050	ug/L	96
65) 1,4-Dichlorobenzene	12.049	146	9714273	1362.083	ug/L #	83
67) 1,2-Dichlorobenzene	12.347	146	13012459	1841.293	ug/L #	75
70) 1,2,4-trichlorobenzene	13.591	180	1814636	449.768	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	870579	218.574	ug/L	98

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

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