

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025725.D
 Acq On : 11 Dec 2021 00:37
 Operator : JC/MD
 Sample : M4981-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CQ0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Mahesh Dadoda 12/11/2021

Quant Time: Dec 11 01:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	95660	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	38876	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26862	41.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.300%		
7) Chloroethane-d5	1.666	69	23302	43.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.500%		
11) 1,1-Dichloroethene-d2	2.306	63	42195	40.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.080%		
21) 2-Butanone-d5	4.458	46	45136	92.878	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.880%		
24) Chloroform-d	5.068	84	54641	47.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	5.958	65	36568	51.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.840%		
32) Benzene-d6	5.976	84	109780	45.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.660%		
36) 1,2-Dichloropropane-d6	7.312	67	33466	45.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	8.653	98	100996	44.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.320%		
43) trans-1,3-Dichloroprop...	8.952	79	15265	40.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.880%		
47) 2-Hexanone-d5	9.384	63	31669	82.025	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.020%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47554	45.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	36019	47.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.480%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	5904	11.493	ug/L	# 1
19) 1,1-Dichloroethane	3.617	63	1023	1.033	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	10836	16.627	ug/L	95
30) 1,1,1-Trichloroethane	5.397	97	2768m	2.774	ug/L	

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

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