

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030535.D
 Acq On : 09 Aug 2022 18:21
 Operator : JC/MD
 Sample : N4114-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D73

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 10 02:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	276086	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	249919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58920	33.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.460%		
7) Chloroethane-d5	1.666	69	49045	39.240	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.480%		
11) 1,1-Dichloroethene-d2	2.306	63	96645	28.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.640%#		
21) 2-Butanone-d5	4.483	46	188662	114.845	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.850%		
24) Chloroform-d	5.074	84	155064	42.486	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.980%		
26) 1,2-Dichloroethane-d4	5.970	65	111340	44.928	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
32) Benzene-d6	5.983	84	291386	40.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.400%		
36) 1,2-Dichloropropane-d6	7.318	67	98525	42.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.840%		
41) Toluene-d8	8.659	98	254670	37.740	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.480%#		
43) trans-1,3-Dichloroprop...	8.958	79	43618	37.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.500%		
47) 2-Hexanone-d5	9.390	63	123975	104.718	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.720%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	144619	47.397	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.323	152	92126	42.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.160%		
Target Compounds						
5) Vinyl chloride	1.374	62	464290	243.328	ug/L	98
12) 1,1-Dichloroethene	2.325	96	8806m	5.699	ug/L	
17) trans-1,2-Dichloroethene	3.099	96	13335	7.449	ug/L	95
20) cis-1,2-Dichloroethene	4.501	96	1047380	520.086	ug/L	99

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

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