

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030531.D
 Acq On : 09 Aug 2022 16:46
 Operator : JC/MD
 Sample : N4114-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45

Quant Time: Aug 10 02:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.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	287747	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	250219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64026	34.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.300%
7) Chloroethane-d5	1.666	69	50581	38.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.660%
11) 1,1-Dichloroethene-d2	2.307	63	108998	31.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.360%
21) 2-Butanone-d5	4.483	46	171937	100.422	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.420%
24) Chloroform-d	5.074	84	152983	40.218	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	5.970	65	111898	43.323	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
32) Benzene-d6	5.983	84	298364	41.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
36) 1,2-Dichloropropane-d6	7.318	67	101900	43.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.640%
41) Toluene-d8	8.653	98	262810	38.900	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.800%#
43) trans-1,3-Dichloroprop...	8.958	79	44545	38.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.020%
47) 2-Hexanone-d5	9.391	63	111937	94.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	140904	46.124	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	99261	42.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.180%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	521093	262.030	ug/L	97
8) Chloroethane	1.691	64	29947	26.437	ug/L	97
12) 1,1-Dichloroethene	2.319	96	26817	16.651	ug/L #	68
17) trans-1,2-Dichloroethene	3.099	96	19280	10.333	ug/L	90
20) cis-1,2-Dichloroethene	4.501	96	1456844	694.092	ug/L #	98
34) Trichloroethene	7.135	95	1404353	604.401	ug/L	88
46) Tetrachloroethene	9.281	164	143938	98.020	ug/L	98

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

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