

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030497.D
 Acq On : 07 Aug 2022 04:50
 Operator : JC/MD
 Sample : N4021-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E21

Quant Time: Aug 07 05:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	281663	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	257784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75604	41.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.600%
7) Chloroethane-d5	1.666	69	56772	44.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.306	63	117008	34.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.400%
21) 2-Butanone-d5	4.471	46	164708	98.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.068	84	161650	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
26) 1,2-Dichloroethane-d4	5.964	65	116378	46.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
32) Benzene-d6	5.983	84	321087	43.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.318	67	105529	44.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	8.653	98	287302	41.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	8.952	79	40147	33.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.380%
47) 2-Hexanone-d5	9.391	63	108242	88.639	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138433	43.986	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	97983	44.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	389440	200.059	ug/L	98
12) 1,1-Dichloroethene	2.313	96	2867	1.819	ug/L	# 1
17) trans-1,2-Dichloroethene	3.099	96	33938	18.582	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	1446077	703.844	ug/L	97
34) Trichloroethene	7.135	95	3096645	1293.614	ug/L	91
46) Tetrachloroethene	9.275	164	188008	124.274	ug/L	97

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

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