

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030629.D
 Acq On : 15 Aug 2022 15:48
 Operator : JC/MD
 Sample : N4181-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 X3C26

Quant Time: Aug 16 04:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	265575	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	243082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117465	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87398	51.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.500%	
7) Chloroethane-d5	1.666	69	61573	51.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.420%	
11) 1,1-Dichloroethene-d2	2.307	63	209938	65.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 130.160%#	
21) 2-Butanone-d5	4.471	46	167598	106.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 106.060%	
24) Chloroform-d	5.068	84	187816	53.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.000%	
26) 1,2-Dichloroethane-d4	5.964	65	130352	54.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.360%	
32) Benzene-d6	5.977	84	366847	52.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.380%	
36) 1,2-Dichloropropane-d6	7.312	67	120227	53.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.440%	
41) Toluene-d8	8.653	98	342082	52.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.240%	
43) trans-1,3-Dichloroprop...	8.952	79	53835	47.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.800%	
47) 2-Hexanone-d5	9.391	63	114510	99.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.440%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	151737	51.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.260%	
66) 1,2-Dichlorobenzene-d4	12.323	152	115147	50.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.080%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	206883	112.716	ug/L	98
9) Trichlorofluoromethane	1.880	101	264458	97.491	ug/L	99
12) 1,1-Dichloroethene	2.319	96	116519	78.388	ug/L #	73
15) Methyl Acetate	2.715	43	5612	2.341	ug/L	96
18) Methyl tert-butyl Ether	3.124	73	545569	93.159	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	90791	46.867	ug/L	99
33) Benzene	6.044	78	183253	23.513	ug/L	100
34) Trichloroethene	7.129	95	162547	72.010	ug/L	88
35) Methylcyclohexane	7.385	83	338141	102.901	ug/L	98
37) 1,2-Dichloropropane	7.440	63	48932	23.613	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	478304	132.543	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	65708	34.101	ug/L	98
46) Tetrachloroethene	9.275	164	80151	56.185	ug/L	97
48) 2-Hexanone	9.433	43	286359	102.131	ug/L	99
49) Dibromochloromethane	9.525	129	80836	39.433	ug/L	97
50) 1,2-Dibromoethane	9.610	107	277091	130.766	ug/L	99
52) Ethylbenzene	10.195	91	755505	84.158	ug/L	99
54) o-Xylene	10.647	106	112939	33.872	ug/L	98
60) Isopropylbenzene	10.964	105	777953	93.434	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.970	146	247903	68.492	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	121073	54.312	ug/L	96

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

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