

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039234.D
 Acq On : 15 Dec 2023 17:35
 Operator : JC/MD
 Sample : 05844-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHF1

Quant Time: Dec 16 01:52:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	234401	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	213745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68158	37.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.140%
7) Chloroethane-d5	1.666	69	54065	39.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	2.306	65	36096	44.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%
21) 2-Butanone-d5	4.446	46	155046	93.164	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	5.056	84	154935	47.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	105636	50.117	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
32) Benzene-d6	5.970	84	304110	46.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	7.306	67	99976	47.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.180%
41) Toluene-d8	8.647	98	275639	46.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
43) trans-1,3-Dichloroprop...	8.952	79	47724	44.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
47) 2-Hexanone-d5	9.384	63	113317	89.370	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142558	47.337	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	94534	49.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.460%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	70092	36.399	ug/L	98
12) 1,1-Dichloroethene	2.319	96	48254	31.955	ug/L	88
13) Acetone	2.374	43	247370	154.725	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	4463	2.805	ug/L	93
19) 1,1-Dichloroethane	3.611	63	66631	21.180	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	162330	87.964	ug/L	97
22) 2-Butanone	4.556	43	58328	29.727	ug/L	99
27) 1,2-Dichloroethane	6.092	62	6734	2.719	ug/L #	90
30) 1,1,1-Trichloroethane	5.385	97	3904	1.505	ug/L #	85
33) Benzene	6.037	78	8940	1.316	ug/L	100
34) Trichloroethene	7.123	95	96279	53.634	ug/L	97
37) 1,2-Dichloropropane	7.427	63	8106	4.303	ug/L	100
46) Tetrachloroethene	9.275	164	1621	1.369	ug/L #	75

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

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