

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039235.D
 Acq On : 15 Dec 2023 17:58
 Operator : JC/MD
 Sample : 05844-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHF2

Quant Time: Dec 16 01:52:10 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	6.757	114	221814	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65718	37.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.540%
7) Chloroethane-d5	1.666	69	51647	40.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.320%
11) 1,1-Dichloroethene-d2	2.307	65	34663	45.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.780%
21) 2-Butanone-d5	4.446	46	149638	95.017	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	5.056	84	149894	48.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
26) 1,2-Dichloroethane-d4	5.958	65	104191	52.237	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.480%
32) Benzene-d6	5.970	84	296200	47.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	7.306	67	97596	48.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.260%
41) Toluene-d8	8.647	98	268695	47.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	8.952	79	46481	45.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
47) 2-Hexanone-d5	9.384	63	109885	90.734	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.730%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139576	48.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	92006	51.176	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.360%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	69790	38.299	ug/L	100
12) 1,1-Dichloroethene	2.319	96	47265	33.077	ug/L	83
13) Acetone	2.374	43	246285	162.788	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	4116	2.734	ug/L	89
19) 1,1-Dichloroethane	3.611	63	65565	22.024	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	160327	91.808	ug/L	97
22) 2-Butanone	4.556	43	57721	31.087	ug/L	99
27) 1,2-Dichloroethane	6.098	62	6299	2.688	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	3919	1.582	ug/L	96
33) Benzene	6.044	78	8489	1.308	ug/L	100
34) Trichloroethene	7.123	95	94547	55.142	ug/L	96
37) 1,2-Dichloropropane	7.434	63	8500	4.724	ug/L #	97
46) Tetrachloroethene	9.275	164	1640	1.450	ug/L	92

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

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