

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039233.D
 Acq On : 15 Dec 2023 17:12
 Operator : JC/MD
 Sample : 05844-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHF0

Quant Time: Dec 16 01:51:49 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	220601	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	95632	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67924	39.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.520%
7) Chloroethane-d5	1.666	69	52447	41.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.020%
11) 1,1-Dichloroethene-d2	2.307	65	36197	47.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
21) 2-Butanone-d5	4.446	46	155781	99.462	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.056	84	148984	48.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	5.952	65	104807	52.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.660%
32) Benzene-d6	5.971	84	303939	48.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	7.306	67	98058	48.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	8.647	98	271653	47.770	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
43) trans-1,3-Dichloroprop...	8.946	79	47643	46.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
47) 2-Hexanone-d5	9.378	63	111604	92.530	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.530%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141119	49.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	94044	52.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.060%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	11173	6.165	ug/L	91
9) Trichlorofluoromethane	1.886	101	1613	0.687	ug/L #	77
12) 1,1-Dichloroethene	2.319	96	5003	3.520	ug/L #	1
13) Acetone	2.374	43	44436	29.533	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	7938	5.301	ug/L	85
19) 1,1-Dichloroethane	3.611	63	6142	2.074	ug/L #	93
20) cis-1,2-Dichloroethene	4.483	96	158266	91.126	ug/L	93
22) 2-Butanone	4.556	43	42834	23.196	ug/L	97
27) 1,2-Dichloroethane	6.080	62	4755	2.040	ug/L #	88
30) 1,1,1-Trichloroethane	5.385	97	3778	1.531	ug/L #	51
33) Benzene	6.038	78	4837	0.749	ug/L	100
34) Trichloroethene	7.123	95	264949	155.156	ug/L	98
37) 1,2-Dichloropropane	7.428	63	8258	4.608	ug/L #	97
46) Tetrachloroethene	9.269	164	24097	21.392	ug/L	94
51) Chlorobenzene	10.080	112	3019	0.713	ug/L	95
52) Ethylbenzene	10.195	91	4156	0.543	ug/L	98
53) m,p-Xylene	10.299	106	1459	0.509	ug/L	96
55) Styrene	10.659	104	2352	0.500	ug/L	89
60) Isopropylbenzene	10.964	105	3760	0.538	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.750	105	3120	0.539	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	2205	0.728	ug/L	93
72) 1,2,3-Trichlorobenzene	13.963	180	1219	0.675	ug/L	92

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

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