

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042104.D
 Acq On : 20 Jan 2021 14:35
 Operator : SY/MD
 Sample : M1164-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX5

Quant Time: Jan 21 04:21:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117824	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	109255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23218	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.916	69	26307	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.572	63	48555	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.649	46	212594	76.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.32%#
24) Chloroform-d	5.073	84	83274	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.710	65	53714	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.735	84	147159	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	51286	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.906	98	127873	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.189	79	23760	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.645	63	159409	78.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.98%#
57) 1,1,2,2-Tetrachloroeth...	10.764	84	51091	6.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.40%#
64) 1,2-Dichlorobenzene-d4	12.201	152	54615	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3238	0.29	ug/L	100
13) Acetone	2.665	43	5032	2.72	ug/L	77
16) Methylene chloride	3.051	84	2836	0.30	ug/L	93
17) Methyl tert-butyl Ether	3.372	73	36613	1.58	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	9955	1.10	ug/L	93
33) Benzene	5.781	78	1554	0.05	ug/L	100
34) Trichloroethene	6.549	95	585260	67.50	ug/L	99
42) Toluene	7.977	91	4237	0.12	ug/L	99
47) Tetrachloroethene	8.562	164	8907	1.24	ug/L	94
53) m,p-Xylene	9.700	106	1997	0.13	ug/L	99

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

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