

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031387.D
 Acq On : 22 Apr 2019 12:28
 Operator : JC/SP
 Sample : K2428-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X14

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 11:04:17 AM

Quant Time: Apr 23 01:31:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 23 00:59:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	670077	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	639681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	276053	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182644	29.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.20%#
7) Chloroethane-d5	1.68	69	157892	29.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.94%#
11) 1,1-Dichloroethene-d2	2.27	63	266412	21.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.58%#
21) 2-Butanone-d5	4.19	46	380576	84.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.68%
24) Chloroform-d	4.64	84	328693	31.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.84%#
26) 1,2-Dichloroethane-d4	5.31	65	199594	31.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.96%#
32) Benzene-d6	5.34	84	675653	33.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.82%#
36) 1,2-Dichloropropane-d6	6.33	67	228768	34.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.72%#
41) Toluene-d8	7.56	98	597732	33.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.18%#
43) trans-1,3-Dichloropropene-	7.85	79	100382	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.00%
47) 2-Hexanone-d5	8.31	63	274627	88.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333253	36.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	217391	34.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.68%#

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	690017	67.596	ug/L 99
13) Acetone	2.34	43	8553m	2.473	ug/L
17) trans-1,2-Dichloroethene	2.98	96	5900	1.236	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	59989	10.802	ug/L 92
31) Carbon tetrachloride	5.13	117	10914	1.490	ug/L 94
34) Trichloroethene	6.17	95	26999415m	5015.398	ug/L
45) 1,1,2-Trichloroethane	8.07	97	8584	1.674	ug/L 97
46) Tetrachloroethene	8.22	164	1730731	427.446	ug/L 98
51) Chlorobenzene	9.12	112	6952	0.520	ug/L 93

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

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