

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031923.D
 Acq On : 11 May 2019 12:05
 Operator : JC/SP
 Sample : K2814-02 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4247

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:46:23 PM

Quant Time: May 13 04:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1026014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1039961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	413682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327992	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.40%
7) Chloroethane-d5	1.67	69	294886m	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.27	63	478154	27.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.92%#
21) 2-Butanone-d5	4.18	46	709577	91.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	4.65	84	635408	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	454561	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
32) Benzene-d6	5.33	84	1373607	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
36) 1,2-Dichloropropane-d6	6.32	67	477416	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.56	98	1142174	41.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.12%
43) trans-1,3-Dichloropropene-	7.85	79	196299	40.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.40%
47) 2-Hexanone-d5	8.31	63	510164	104.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	752370	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	424925	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds					Ovalue
13) Acetone	2.32	43	2083059	237.688 ug/L	96

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

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