

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026523.D
 Acq On : 04 Sep 2018 14:21
 Operator : MD/SY
 Sample : J4694-05 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE23

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:28:09 PM

Quant Time: Sep 05 02:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32401	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.96%
7) Chloroethane-d5	1.68	69	33458	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	42341	24.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.14%#
21) 2-Butanone-d5	4.18	46	80810	133.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.29%#
24) Chloroform-d	4.65	84	77732	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
26) 1,2-Dichloroethane-d4	5.31	65	55959	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.94%
32) Benzene-d6	5.35	84	136568	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
36) 1,2-Dichloropropane-d6	6.33	67	53944	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.04%
41) Toluene-d8	7.57	98	113917	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	17808	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.32	63	61734	141.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.02%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83192	59.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	52068	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

					Ovalue
13) Acetone	2.32	43	4119	7.85	ug/L 97
17) trans-1,2-Dichloroethene	2.99	96	1109	1.36	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	65878	72.25	ug/L 100
34) Trichloroethene	6.19	95	737064	850.25	ug/L 98
46) Tetrachloroethene	8.25	164	26407065m	37258.83	ug/L

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

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