

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030783.D
 Acq On : 06 Apr 2019 07:55
 Operator : JC/SP
 Sample : K2277-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C3

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 2:50:15 PM

Quant Time: Apr 08 02:55:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	178050	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.68	69	152132	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.27	63	256286	32.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.14%
21) 2-Butanone-d5	4.17	46	376170	107.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.64	84	303514	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.31	65	222566	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.33	84	617176	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
36) 1,2-Dichloropropane-d6	6.32	67	223191	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.56	98	516997	41.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.54%
43) trans-1,3-Dichloropropene-	7.85	79	90268	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.74%
47) 2-Hexanone-d5	8.31	63	232792	105.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318072	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	186171	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	6270m	1.563 ug/L	
34) Trichloroethene	6.19	95	5726	1.474 ug/L	89
46) Tetrachloroethene	8.22	164	546644	193.489 ug/L	98

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

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