

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031158.D
 Acq On : 13 Apr 2019 15:53
 Operator : JC/SP
 Sample : K2354-13 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2T4

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:01:37 PM

Quant Time: Apr 13 23:00:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	192382	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.80%
7) Chloroethane-d5	1.68	69	152175	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.27	63	261441	34.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.98%
21) 2-Butanone-d5	4.17	46	301977	90.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.90%
24) Chloroform-d	4.64	84	309423	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	209374	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
32) Benzene-d6	5.34	84	626525	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.32	67	209246	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.60%
41) Toluene-d8	7.56	98	528740	44.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.50%
43) trans-1,3-Dichloropropene-	7.85	79	89227	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.31	63	180430	86.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282703	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	181081	51.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.74%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	14414	4.441	ug/L #	1
34) Trichloroethene	6.19	95	11439m	3.121	ug/L	
46) Tetrachloroethene	8.22	164	445346	167.135	ug/L	99

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

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