

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031149.D
 Acq On : 12 Apr 2019 23:13
 Operator : JC/SP
 Sample : K2409-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC22

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:49:35 PM

Quant Time: Apr 13 04:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208578	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.90%
7) Chloroethane-d5	1.68	69	155491	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.26	63	261748	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.17	46	301486	85.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.63%
24) Chloroform-d	4.64	84	318848	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.31	65	220182	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.33	84	652073	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.32	67	223335	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.56	98	562078	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%
43) trans-1,3-Dichloropropene-	7.85	79	93863	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.31	63	183654	80.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298867	44.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	198401	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

					Ovalue
13) Acetone	2.32	43	13247	3.677 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	3707m	0.919 ug/L	
34) Trichloroethene	6.18	95	450618	112.332 ug/L	94
46) Tetrachloroethene	8.22	164	3093	1.061 ug/L	95

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

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