

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031190.D
 Acq On : 14 Apr 2019 05:08
 Operator : JC/SP
 Sample : K2409-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC27

Quant Time: Apr 15 02:53:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 01:39:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	205488	54.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.32%
7) Chloroethane-d5	1.67	69	195015	68.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	136.68%#
11) 1,1-Dichloroethene-d2	2.27	63	338095	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.44%
21) 2-Butanone-d5	4.17	46	264491	88.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	4.64	84	285389	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.30	65	191943	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
32) Benzene-d6	5.33	84	551532	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.32	67	192066	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.56	98	472926	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.85	79	67436	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.04%
47) 2-Hexanone-d5	8.31	63	151429	80.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	262490	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	160056	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	49497	17.001 ug/L #	26
13) Acetone	2.32	43	86677	28.427 ug/L	99
18) Methyl tert-butyl Ether	2.99	73	11433	1.104 ug/L #	86
19) 1,1-Dichloroethane	3.44	63	25691	4.027 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	37035	10.850 ug/L	85
30) 1,1,1-Trichloroethane	4.92	97	6245	1.249 ug/L	97
34) Trichloroethene	6.18	95	763284	231.743 ug/L	96
46) Tetrachloroethene	8.22	164	2321	0.969 ug/L #	64

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

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