

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031584.D
 Acq On : 29 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2592-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X82

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:12 PM

Quant Time: Apr 30 03:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	681048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250139	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280361	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.38%
7) Chloroethane-d5	1.68	69	232747	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	429178	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.18	46	587389	113.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	4.64	84	522834	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	5.31	65	363920	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
32) Benzene-d6	5.34	84	1037205	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.33	67	367014	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.56	98	857329	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	147963	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.31	63	343797	110.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	489991	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	277063	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	114993	11.908	ug/L	98
13) Acetone	2.33	43	408840	70.281	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	19171	3.228	ug/L	99
22) 2-Butanone	4.28	43	29079m	4.512	ug/L	
34) Trichloroethene	6.19	95	33452	5.661	ug/L	97
46) Tetrachloroethene	8.22	164	199933	49.629	ug/L	98

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

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