

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030240.D
 Acq On : 20 Mar 2019 22:04
 Operator : JC/SP
 Sample : K2022-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09A3

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:36 PM

Quant Time: Mar 22 02:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	521431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237491	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145677	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.64%
7) Chloroethane-d5	1.68	69	127355	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.34%
11) 1,1-Dichloroethene-d2	2.27	63	206928	32.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.34%
21) 2-Butanone-d5	4.17	46	262026	100.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.17%
24) Chloroform-d	4.65	84	298580	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.31	65	178659	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
32) Benzene-d6	5.34	84	629402	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.33	67	202021	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.56	98	558858	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%
43) trans-1,3-Dichloropropene-	7.85	79	90763	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.31	63	213589	100.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305448	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	237109	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

					Ovalue
13) Acetone	2.32	43	53862	19.706	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	36747	3.484	ug/L 98
51) Chlorobenzene	9.12	112	11968	1.143	ug/L 94
63) 1,4-Dichlorobenzene	11.50	146	28858	3.672	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	22616	2.921	ug/L 95
68) 1,2,4-trichlorobenzene	13.51	180	7086m	1.353	ug/L

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

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