

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060719\
 Data File : VU032537.D
 Acq On : 07 Jun 2019 12:41
 Operator : JC/SP
 Sample : K3215-05DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H9DL

Manual Integrations
 APPROVED

MMDadoda
 6/8/2019 2:20:24 PM

Quant Time: Jun 07 23:37:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 22:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101177	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75203	55.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.90%
7) Chloroethane-d5	1.68	69	57512	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.50%
11) 1,1-Dichloroethene-d2	2.27	63	107918	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
21) 2-Butanone-d5	4.17	46	116196	103.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.31%
24) Chloroform-d	4.64	84	125359	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
26) 1,2-Dichloroethane-d4	5.30	65	84492	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
32) Benzene-d6	5.33	84	268259	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.42%
36) 1,2-Dichloropropane-d6	6.32	67	84463	53.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.86%
41) Toluene-d8	7.56	98	251022	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%
43) trans-1,3-Dichloropropene-	7.85	79	38667	51.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.18%
47) 2-Hexanone-d5	8.31	63	84412	111.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120649	53.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	103865	53.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	163421	140.813	ug/L	100
16) Methylene chloride	2.69	84	1667	1.188	ug/L	96
22) 2-Butanone	4.29	43	4005m	2.920	ug/L	
33) Benzene	5.39	78	7220	1.336	ug/L	100
34) Trichloroethene	6.19	95	2753	1.872	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	48829	21.183	ug/L	99
42) Toluene	7.63	91	35746	6.039	ug/L	100
48) 2-Hexanone	8.36	43	10816	5.713	ug/L #	92
52) Ethylbenzene	9.25	91	6869	1.041	ug/L	98
53) m,p-Xylene	9.37	106	9315	3.713	ug/L	94
54) o-xylene	9.77	106	8281	3.324	ug/L	100

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

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