

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030465.D
 Acq On : 26 Mar 2019 23:49
 Operator : JC/SP
 Sample : K2063-10 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S3

Quant Time: Mar 27 08:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	430459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177891	48.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.38%
7) Chloroethane-d5	1.67	69	146099	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.86%
11) 1,1-Dichloroethene-d2	2.27	63	249402	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
21) 2-Butanone-d5	4.17	46	361448	104.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.16%
24) Chloroform-d	4.64	84	307154	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.31	65	211216	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
32) Benzene-d6	5.34	84	629485	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
36) 1,2-Dichloropropane-d6	6.32	67	221076	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	547681	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	93730	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.31	63	237529	103.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304610	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	195597	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.99	56	9613	1.476	ug/L	94
33) Benzene	5.39	78	1057505	72.169	ug/L	100
42) Toluene	7.63	91	5920774	389.330	ug/L	99
50) 1,2-Dibromoethane	8.59	107	6637	1.760	ug/L #	82
52) Ethylbenzene	9.25	91	638288	38.745	ug/L	100
53) m,p-Xylene	9.37	106	807005	135.669	ug/L	100
54) o-xylene	9.77	106	375430	64.685	ug/L	100
56) Isopropylbenzene	10.16	105	18489	1.203	ug/L	96

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

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