

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030495.D
 Acq On : 27 Mar 2019 19:54
 Operator : JC/SP
 Sample : K2063-08 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R8

Quant Time: Mar 28 04:05:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 02:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	418036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148229	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.68	69	121083	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.27	63	208831	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	4.17	46	268016	84.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.75%
24) Chloroform-d	4.64	84	252856	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.31	65	169485	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
32) Benzene-d6	5.34	84	513351	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.33	67	181742	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.56	98	455832	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.85	79	78145	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.31	63	172765	81.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	238515	42.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	160290	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%

Target Compounds

					Ovalue
29) Cyclohexane	4.99	56	26651	4.407 ug/L	99
33) Benzene	5.39	78	74176	5.453 ug/L	100
35) Methylcyclohexane	6.41	83	12650	2.299 ug/L	92
42) Toluene	7.63	91	1857592	131.578 ug/L	99
52) Ethylbenzene	9.25	91	455458	29.781 ug/L	99
53) m,p-Xylene	9.37	106	557950	101.040 ug/L	100
54) o-xylene	9.77	106	263102	48.830 ug/L	100
56) Isopropylbenzene	10.16	105	14769	1.035 ug/L	97

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

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