

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030458.D
 Acq On : 26 Mar 2019 21:03
 Operator : JC/SP
 Sample : K2063-03DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R5DL

Quant Time: Mar 27 09:55:19 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	443690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	161913	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.67	69	135573	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	234493	34.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.24%
21) 2-Butanone-d5	4.17	46	350479	104.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.41%
24) Chloroform-d	4.64	84	294234	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.31	65	201782	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.34	84	592563	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.32	67	210734	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.58%
41) Toluene-d8	7.56	98	511658	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%
43) trans-1,3-Dichloropropene-	7.85	79	90912	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.31	63	228233	101.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293827	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	183243	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.99	56	14712	2.299	ug/L	94
33) Benzene	5.39	78	486063	33.768	ug/L	100
35) Methylcyclohexane	6.41	83	9951	1.709	ug/L #	94
42) Toluene	7.63	91	1771925	118.613	ug/L	100
50) 1,2-Dibromoethane	8.59	107	6047	1.632	ug/L	93
52) Ethylbenzene	9.25	91	263319	16.272	ug/L	98
53) m,p-Xylene	9.37	106	345011	59.046	ug/L	98
54) o-xylene	9.77	106	152729	26.788	ug/L	99

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

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