

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030462.D
 Acq On : 26 Mar 2019 22:38
 Operator : JC/SP
 Sample : K2063-07MSD 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R7MSD

Quant Time: Mar 27 07:58:50 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	448871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	432827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192491	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180110	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.72%
7) Chloroethane-d5	1.66	69	142007	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	326243	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
21) 2-Butanone-d5	4.17	46	362151	106.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.64%
24) Chloroform-d	4.64	84	306190	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
26) 1,2-Dichloroethane-d4	5.30	65	210738	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.34	84	630408	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
36) 1,2-Dichloropropane-d6	6.33	67	222677	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.86%
41) Toluene-d8	7.56	98	551924	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	7.85	79	96171	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.32%
47) 2-Hexanone-d5	8.31	63	244934	106.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309359	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	197943	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	134562	41.899	ug/L	87
29) Cyclohexane	4.99	56	17087	2.609	ug/L	94
33) Benzene	5.38	78	1580245	107.253	ug/L	100
34) Trichloroethene	6.18	95	156320	43.158	ug/L	99
35) Methylcyclohexane	6.41	83	11784	1.977	ug/L	97
42) Toluene	7.63	91	3692064	241.449	ug/L	99
50) 1,2-Dibromoethane	8.59	107	11150	2.941	ug/L	99
51) Chlorobenzene	9.12	112	427193	46.096	ug/L	98
52) Ethylbenzene	9.24	91	402520	24.300	ug/L	98
53) m,p-Xylene	9.37	106	507912	84.920	ug/L	100
54) o-xylene	9.78	106	240712	41.247	ug/L	97
56) Isopropylbenzene	10.16	105	16481	1.067	ug/L	97

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

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