

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
 Data File : VU029635.D
 Acq On : 22 Feb 2019 21:16
 Operator : JC/SP
 Sample : K1581-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB629

Quant Time: Feb 22 23:43:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 23:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487308	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484906	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128386	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.90%
7) Chloroethane-d5	1.68	69	117550	37.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.06%
11) 1,1-Dichloroethene-d2	2.27	63	182520	26.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.30%#
21) 2-Butanone-d5	4.17	46	239964	110.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.43%
24) Chloroform-d	4.65	84	258995	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.31	65	167303	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
32) Benzene-d6	5.34	84	545264	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.33	67	170366	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.82%
41) Toluene-d8	7.56	98	529696	42.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.08%
43) trans-1,3-Dichloropropene-	7.85	79	82007	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
47) 2-Hexanone-d5	8.31	63	212292	103.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299000	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	257373	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%

Target Compounds

					Ovalue
13) Acetone	2.32	43	200676	86.422	ug/L 90
22) 2-Butanone	4.26	43	72245	27.262	ug/L 99
29) Cyclohexane	4.99	56	469807	97.903	ug/L 96
33) Benzene	5.39	78	9350097	752.083	ug/L 100
35) Methylcyclohexane	6.41	83	354265	63.695	ug/L # 85
42) Toluene	7.63	91	740542	50.369	ug/L 99
52) Ethylbenzene	9.25	91	992418	59.434	ug/L 100
53) m,p-Xylene	9.37	106	556556	83.033	ug/L 99
54) o-xylene	9.78	106	23283	3.458	ug/L 90
56) Isopropylbenzene	10.16	105	310415	17.619	ug/L 99

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

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