

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031712.D
 Acq On : 02 May 2019 15:08
 Operator : JC/SP
 Sample : K2603-19 10X
 Misc : 5.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ71

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:39:56 AM

Quant Time: May 03 07:11:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 04:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1065510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	473028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307803	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.68	69	258057	37.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.90%
11) 1,1-Dichloroethene-d2	2.26	63	486585m	27.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.80%#
21) 2-Butanone-d5	4.19	46	765529	94.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.75%
24) Chloroform-d	4.64	84	616221	37.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.46%
26) 1,2-Dichloroethane-d4	5.30	65	414173	38.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.64%
32) Benzene-d6	5.33	84	1277475	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
36) 1,2-Dichloropropane-d6	6.32	67	450764	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.92%
41) Toluene-d8	7.56	98	1110484	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%
43) trans-1,3-Dichloropropene-	7.85	79	198085	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.90%
47) 2-Hexanone-d5	8.31	63	554697	119.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	623729	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	420886	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	41045	1.123	ug/L	100
42) Toluene	7.63	91	2196681	60.315	ug/L	98
52) Ethylbenzene	9.25	91	970371	25.685	ug/L	100
53) m,p-Xylene	9.37	106	2422261	184.023	ug/L	98
54) o-xylene	9.77	106	1178792	90.332	ug/L	95
55) Styrene	9.79	104	2516166	112.858	ug/L	98
56) Isopropylbenzene	10.16	105	68050	1.983	ug/L	99

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

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