

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031706.D
 Acq On : 02 May 2019 12:48
 Operator : JC/SP
 Sample : K2604-20 20X
 Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ91

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:39:46 AM

Quant Time: May 03 05:38:38 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	1041637	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	973046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	456796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221072	25.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.72%#
7) Chloroethane-d5	1.68	69	203847m	30.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.52%#
11) 1,1-Dichloroethene-d2	2.27	63	368960	21.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.50%#
21) 2-Butanone-d5	4.19	46	743422	94.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.12%
24) Chloroform-d	4.64	84	547543	34.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.58%#
26) 1,2-Dichloroethane-d4	5.31	65	372832	35.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.48%
32) Benzene-d6	5.33	84	1094146	36.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.24%
36) 1,2-Dichloropropane-d6	6.32	67	404443	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.94%
41) Toluene-d8	7.56	98	948443	36.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.88%#
43) trans-1,3-Dichloropropene-	7.85	79	172227	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.34%
47) 2-Hexanone-d5	8.31	63	515371	113.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	587125	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	375353	39.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.14%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.99	56	30976	2.011	ug/L	# 80
33) Benzene	5.38	78	1489436	41.634	ug/L	100
35) Methylcyclohexane	6.41	83	50750	3.905	ug/L	95
42) Toluene	7.63	91	7414834	208.068	ug/L	98
52) Ethylbenzene	9.25	91	1238146	33.494	ug/L	99
53) m,p-Xylene	9.37	106	3206682	248.976	ug/L	98
54) o-xylene	9.77	106	1384431	108.424	ug/L	97
55) Styrene	9.79	104	4437060	203.394	ug/L	95
56) Isopropylbenzene	10.16	105	36021	1.073	ug/L	98

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

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