

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031659.D
 Acq On : 01 May 2019 01:48
 Operator : JC/SP
 Sample : K2604-12
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 9:54:21 AM

Quant Time: May 01 05:25:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 04:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	2025632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1917461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	903094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	511411	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.34%
7) Chloroethane-d5	1.68	69	354863	27.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.18%#
11) 1,1-Dichloroethene-d2	2.25	63	791282	23.44	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.88%#
21) 2-Butanone-d5	4.20	46	1016271	66.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.16%
24) Chloroform-d	4.64	84	921100	29.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.34%#
26) 1,2-Dichloroethane-d4	5.31	65	647141	31.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.80%#
32) Benzene-d6	5.33	84	1873712	31.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.64%#
36) 1,2-Dichloropropane-d6	6.33	67	685228	33.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.16%#
41) Toluene-d8	7.56	98	1624436	31.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.36%#
43) trans-1,3-Dichloropropene-	7.85	79	288509	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
47) 2-Hexanone-d5	8.34	63	720988	80.41	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.41%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	850124	30.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.16%#
64) 1,2-Dichlorobenzene-d4	11.86	152	582554	30.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.34%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
42) Toluene	7.64	91	904499	12.880	ug/L	98
52) Ethylbenzene	9.24	91	19931503m	273.617	ug/L	
53) m,p-Xylene	9.38	106	4156974	163.789	ug/L	100
54) o-xylene	9.78	106	4597816	182.730	ug/L	100
55) Styrene	9.79	104	2335860	54.337	ug/L	82
56) Isopropylbenzene	10.17	105	240830	3.640	ug/L	99

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

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