

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031438.D
 Acq On : 23 Apr 2019 15:13
 Operator : JC/SP
 Sample : K2481-15
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHW8

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:45:57 AM

Quant Time: May 02 07:47:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 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	755604	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	717543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	345910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	224181	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.22%
7) Chloroethane-d5	1.68	69	151037	32.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.80%#
11) 1,1-Dichloroethene-d2	2.24	63	330922	31.07	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.14%
21) 2-Butanone-d5	4.21	46	380461	83.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.12%
24) Chloroform-d	4.64	84	402024	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.42%
26) 1,2-Dichloroethane-d4	5.31	65	264168	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
32) Benzene-d6	5.33	84	882061	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
36) 1,2-Dichloropropane-d6	6.33	67	297265	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.14%
41) Toluene-d8	7.56	98	776573	41.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.88%
43) trans-1,3-Dichloropropene-	7.85	79	129763	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
47) 2-Hexanone-d5	8.34	63	314988	94.25	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.25%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	378239	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	286341	40.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.98%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
42) Toluene	7.64	91	59085	2.742	ug/L	96
52) Ethylbenzene	9.25	91	111219	4.818	ug/L	97
53) m,p-Xylene	9.37	106	533303	63.297	ug/L	100
54) o-xylene	9.78	106	561976	66.342	ug/L	100
55) Styrene	9.79	104	66867m	4.746	ug/L	

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

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