

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
 Data File : VU037688.D
 Acq On : 13 Apr 2020 16:58
 Operator : JC/MD
 Sample : L2176-04ME
 Misc : 2.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2J0ME

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 12:37:11 PM

Quant Time: Apr 14 05:28:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 03:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	650314	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	630183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	374008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	198154	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.72%
7) Chloroethane-d5	1.88	69	121744	26.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.00%#
11) 1,1-Dichloroethene-d2	2.55	63	262182m	28.30	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.60%#
21) 2-Butanone-d5	4.68	46	354524	76.97	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.97%
24) Chloroform-d	5.10	84	344853	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	5.73	65	249623	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.75	84	768747	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.92%
36) 1,2-Dichloropropane-d6	6.72	67	271568	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.92	98	744500	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	8.20	79	137456	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.67	63	353579	100.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.07%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	376734	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	350770	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.41	56	11601	1.339	ug/L #	95
35) Methylcyclohexane	6.78	83	509999	60.884	ug/L #	83
42) Toluene	7.99	91	24020	1.179	ug/L	97
52) Ethylbenzene	9.59	91	42081	1.842	ug/L	93
53) m,p-Xylene	9.72	106	25083	2.892	ug/L	77
56) Isopropylbenzene	10.50	105	442916	19.776	ug/L	97

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

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