

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031810.D
 Acq On : 07 May 2019 17:24
 Operator : JC/SP
 Sample : K2690-24DL 10X
 Misc : 6.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5168DL

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 11:12:26 AM

Quant Time: May 08 08:45:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	641170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	610892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174341	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.98%
7) Chloroethane-d5	1.67	69	146568	35.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.68%
11) 1,1-Dichloroethene-d2	2.26	63	280425	26.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.48%#
21) 2-Butanone-d5	4.18	46	555569	114.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.27%
24) Chloroform-d	4.64	84	403861	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.31	65	302011	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.34	84	722251	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.32	67	287398	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.10%
41) Toluene-d8	7.56	98	543327	33.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.50%#
43) trans-1,3-Dichloropropene-	7.85	79	108160	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
47) 2-Hexanone-d5	8.31	63	293739	102.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401509	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	193703	40.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.66%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	12816m	2.292	ug/L
34) Trichloroethene	6.18	95	298551	54.836	ug/L
46) Tetrachloroethene	8.22	164	40452	10.899	ug/L

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

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