

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034737.D
 Acq On : 23 Sep 2019 16:40
 Operator : JC/SP
 Sample : K4982-04DL 100X
 Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:46:12 AM

Quant Time: Sep 24 02:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 01:52:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	477824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	447968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	218167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	202489	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.78%
7) Chloroethane-d5	1.67	69	166468	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.06%
11) 1,1-Dichloroethene-d2	2.26	63	284259	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.15	46	328756	87.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.69%
24) Chloroform-d	4.62	84	300301	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.28	65	255592	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.32	84	709327	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
36) 1,2-Dichloropropane-d6	6.31	67	252866	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.20%
41) Toluene-d8	7.54	98	670322	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	7.83	79	113688	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.29	63	239058	98.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	324186	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	232579	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.10	112	12842	1.258	ug/L	99
52) Ethylbenzene	9.23	91	98310	5.199	ug/L	98
53) m,p-Xylene	9.35	106	107152	16.000	ug/L	95
54) o-xylene	9.76	106	27788	4.195	ug/L	93
62) 1,3-Dichlorobenzene	11.40	146	158937	21.036	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	232319	30.185	ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	473703	62.052	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	12925m	3.247	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	5446m	1.330	ug/L	

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

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