

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034734.D
 Acq On : 23 Sep 2019 15:30
 Operator : JC/SP
 Sample : K4982-05 10X
 Misc : 5.58g/5.0mL/100uL/10mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW2

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:45:50 AM

Quant Time: Sep 24 02:28:58 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	506491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	490083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	249149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	216233	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.66	69	173436	43.28	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.25	63	295895	33.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.40%
21) 2-Butanone-d5	4.15	46	402470	101.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	4.62	84	338375	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.28	65	261699	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.31	84	727637	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.31	67	256010	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.54	98	697329	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	7.83	79	121265	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
47) 2-Hexanone-d5	8.29	63	269473	101.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.05%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349354	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	11.84	152	261343m	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.39	62	8525	1.206	ug/L	# 93
42) Toluene	7.62	91	21919	1.193	ug/L	97
51) Chlorobenzene	9.10	112	134494	12.044	ug/L	98
52) Ethylbenzene	9.23	91	262389	12.685	ug/L	96
53) m,p-Xylene	9.35	106	343595	46.896	ug/L	99
54) o-xylene	9.76	106	92951	12.827	ug/L	98
62) 1,3-Dichlorobenzene	11.39	146	1023810	118.658	ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	1507304	171.491	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	2946499	337.979	ug/L	97
68) 1,2,4-trichlorobenzene	13.48	180	87088	19.156	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	25333	5.416	ug/L	97

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

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