

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034906.D
 Acq On : 01 Oct 2019 22:28
 Operator : JC/SP
 Sample : K5028-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM9

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:14:20 PM

Quant Time: Oct 02 04:49:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	351341	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	343860	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	151695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	100598	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.70%
7) Chloroethane-d5	1.67	69	90006	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.26	63	153464	34.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.92%
21) 2-Butanone-d5	4.15	46	280281	116.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.65%
24) Chloroform-d	4.62	84	226612	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.29	65	164882	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.32	84	439101	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.31	67	156479	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.24%
41) Toluene-d8	7.54	98	405504	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.83	79	66461	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.29	63	186706	121.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.20%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	226122	49.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.38%
64) 1,2-Dichlorobenzene-d4	11.84	152	149535	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	44536	23.320	ug/L	99
15) Methyl Acetate	2.61	43	4392m	1.441	ug/L	
16) Methylene chloride	2.69	84	31691	16.465	ug/L	97
22) 2-Butanone	4.25	43	14213m	5.730	ug/L	
29) Cyclohexane	4.97	56	4448	1.783	ug/L	99
33) Benzene	5.37	78	79706	10.868	ug/L	100
35) Methylcyclohexane	6.39	83	3307	1.438	ug/L	98
42) Toluene	7.62	91	20782	2.634	ug/L	93
51) Chlorobenzene	9.10	112	36694	6.862	ug/L	97
52) Ethylbenzene	9.23	91	37903	4.092	ug/L	99
53) m,p-Xylene	9.36	106	27393	8.464	ug/L	97
54) o-xylene	9.76	106	92705	27.160	ug/L	100
56) Isopropylbenzene	10.14	105	11673	1.224	ug/L	98

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

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