

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034898.D
 Acq On : 01 Oct 2019 19:20
 Operator : JC/SP
 Sample : K5028-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDK9

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:13:55 PM

Quant Time: Oct 02 02:32:07 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	351888	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	336006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101072	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.67	69	90146	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.26	63	154173	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	4.15	46	276707	114.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.98%
24) Chloroform-d	4.62	84	220951	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.29	65	164312	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.32	84	431571	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.31	67	152104	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.74%
41) Toluene-d8	7.54	98	400910	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.83	79	67203	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.50%
47) 2-Hexanone-d5	8.29	63	178902	118.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.85%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	218266	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	144891	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	113092	59.126	ug/L	98
15) Methyl Acetate	2.61	43	4279m	1.401	ug/L	
16) Methylene chloride	2.69	84	34292	17.789	ug/L	94
22) 2-Butanone	4.25	43	37673	15.164	ug/L	98
33) Benzene	5.37	78	11075	1.545	ug/L	100
35) Methylcyclohexane	6.39	83	4862	2.163	ug/L	92
53) m,p-Xylene	9.35	106	70746	22.370	ug/L	98
54) o-xylene	9.76	106	45410	13.615	ug/L	96
56) Isopropylbenzene	10.14	105	28067	3.012	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	4519	1.131	ug/L	93
65) 1,2-Dichlorobenzene	11.85	146	19340	4.535	ug/L	89

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

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