

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
 Data File : VV013151.D
 Acq On : 14 Oct 2019 19:17
 Operator : SY/MD
 Sample : K5191-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6L1

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 10:48:01 AM

Quant Time: Oct 15 07:33:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 05:07:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	744459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	704193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176722	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.58	69	161974	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.13	63	251581	28.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.68%#
21) 2-Butanone-d5	3.96	46	351185	99.25	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.40	84	365218	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	5.08	65	265718	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.10	84	785523	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
36) 1,2-Dichloropropane-d6	6.12	67	275883	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.36	98	689527	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.66	79	108360	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
47) 2-Hexanone-d5	8.14	63	201717	86.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.13%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	249451	32.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	319651	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.24	43	46257m	14.238	ug/L	
16) Methylene chloride	2.53	84	75087	13.670	ug/L	95
25) Chloroform	4.43	83	50716	5.328	ug/L	96
34) Trichloroethene	5.96	95	11222	1.965	ug/L	94
52) Ethylbenzene	9.05	91	135828	5.759	ug/L	100
54) o-xylene	9.59	106	118498	13.329	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	21885	1.976	ug/L	93

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

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