

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
 Data File : VV013150.D
 Acq On : 14 Oct 2019 18:53
 Operator : SY/MD
 Sample : K5191-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6L0

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 10:47:56 AM

Quant Time: Oct 15 07:13:03 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	724607	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	693846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	323112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176948	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.26%
7) Chloroethane-d5	1.58	69	163093	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.88%
11) 1,1-Dichloroethene-d2	2.13	63	246905	28.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.16%#
21) 2-Butanone-d5	3.97	46	339113	98.47	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.47%
24) Chloroform-d	4.40	84	292841	33.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.42%#
26) 1,2-Dichloroethane-d4	5.08	65	268789	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.10	84	857005	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	278157	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.36	98	712376	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	108573	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.14	63	194726	84.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149748	20.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	40.02%#
64) 1,2-Dichlorobenzene-d4	11.67	152	312344	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	15729m	4.974	ug/L	
16) Methylene chloride	2.53	84	107001	20.013	ug/L	97
25) Chloroform	4.43	83	126517	13.655	ug/L	97
42) Toluene	7.43	91	142247	6.538	ug/L	98
52) Ethylbenzene	9.05	91	62249	2.679	ug/L	100
53) m,p-Xylene	9.18	106	100238	11.465	ug/L	99
54) o-xylene	9.59	106	70814	8.084	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	23707	2.229	ug/L	98
69) Naphthalene	13.55	128	379252	21.539	ug/L	100

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

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