

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012742.D
 Acq On : 13 Sep 2019 21:57
 Operator : SY/MD
 Sample : K4707-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:22:29 PM

Quant Time: Sep 14 01:50:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:19:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	824694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	781841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215366	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.16%
7) Chloroethane-d5	1.58	69	202649	48.45	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.13	63	314588m	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.92	46	477253	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.40	84	533225	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	344436	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.10	84	1018537	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.12	67	364637	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.36	98	898967	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	145901	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.13	63	277769	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	454162	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	411210	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.14	78	1260889	59.290	ug/L	100
51) Chlorobenzene	8.92	112	3626187	239.649	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	191707	18.141	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	1854371	171.065	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	2359921	212.386	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	451835	68.497	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	147940	20.660	ug/L	97

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

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