

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018806.D
 Acq On : 09 Oct 2020 10:07
 Operator : SY/MD
 Sample : L4239-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S1

Quant Time: Oct 10 00:22:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134001	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.28%
7) Chloroethane-d5	1.58	69	116230	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.36%
11) 1,1-Dichloroethene-d2	2.12	63	207576	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.78%
21) 2-Butanone-d5	3.90	46	207471	131.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.47%#
24) Chloroform-d	4.37	84	266729	58.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.64%
26) 1,2-Dichloroethane-d4	5.05	65	188460	61.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.62%
32) Benzene-d6	5.07	84	534016	59.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.78%
36) 1,2-Dichloropropane-d6	6.09	67	173240	59.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.18%
41) Toluene-d8	7.34	98	472441	59.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.38%
43) trans-1,3-Dichloropropene-	7.64	79	78741	54.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.88%
47) 2-Hexanone-d5	8.11	63	117729	114.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202871	60.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.30%#
64) 1,2-Dichlorobenzene-d4	11.65	152	202485	61.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.30%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	8.90	112	590343	97.691	ug/L	99
52) Ethylbenzene	9.04	91	32511	3.144	ug/L	98
56) Isopropylbenzene	9.95	105	6448	0.646	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	451191	93.252	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	322861	64.148	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	37702	7.762	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	412969	140.135	ug/L	99

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

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