

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
 Data File : VV019783.D
 Acq On : 21 Dec 2020 18:17
 Operator : SY/MD
 Sample : L5087-07 8X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q2

Manual Integrations
 APPROVED

apatel
 12/22/2020 8:31:52 AM

Quant Time: Dec 22 01:34:20 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Dec 22 00:24:34 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	686386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	644929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	312476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	259818	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.58%
7) Chloroethane-d5	1.57	69	203303	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.11	63	364977m	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
21) 2-Butanone-d5	3.89	46	351467	131.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.38%#
24) Chloroform-d	4.35	84	443060	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
26) 1,2-Dichloroethane-d4	5.04	65	308492	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
32) Benzene-d6	5.05	84	895265	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.07	67	285511	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.98%
41) Toluene-d8	7.32	98	777707	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.62	79	132096	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.09	63	220388	104.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350270	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.63	152	279542	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

					Qvalue
18) Methyl tert-butyl Ether	2.77	73	127355	8.132 ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	7877	1.599 ug/L #	94
33) Benzene	5.11	78	109514	5.810 ug/L	100
34) Trichloroethene	5.92	95	165542	33.248 ug/L	99
46) Tetrachloroethene	7.98	164	566625	164.464 ug/L	99

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

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