

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018135.D
 Acq On : 28 Aug 2020 13:56
 Operator : SY/MD
 Sample : L3800-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

Quant Time: Aug 29 01:35:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269748	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78692	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.58	69	73327	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.10%
11) 1,1-Dichloroethene-d2	2.12	63	126977	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.50%
21) 2-Butanone-d5	3.91	46	122391	90.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.79%
24) Chloroform-d	4.38	84	162862	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
26) 1,2-Dichloroethane-d4	5.06	65	112605	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
32) Benzene-d6	5.08	84	327169	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
36) 1,2-Dichloropropane-d6	6.09	67	109919	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.34	98	287408	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.64	79	50473	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.11	63	66581	86.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140023	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	126319	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	7965	3.323 ug/L #	40
12) 1,1-Dichloroethene	2.13	96	6391	3.532 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2113	1.136 ug/L	85
18) Methyl tert-butyl Ether	2.79	73	32020	5.205 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	455515	222.856 ug/L	97
25) Chloroform	4.41	83	7140	1.872 ug/L	99
34) Trichloroethene	5.94	95	260890	120.369 ug/L	98
46) Tetrachloroethene	8.00	164	303316	190.817 ug/L	98

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

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