

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016980.D
 Acq On : 18 Jun 2020 15:33
 Operator : SY/MD
 Sample : L3039-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M16

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 3:02:50 PM

Quant Time: Jun 19 06:35:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158390	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83716	33.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	61794	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.90%
11) 1,1-Dichloroethene-d2	2.12	63	131125	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	3.91	46	159667	86.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.83%
24) Chloroform-d	4.38	84	216582	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
26) 1,2-Dichloroethane-d4	5.06	65	156630	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	5.08	84	417332	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
36) 1,2-Dichloropropane-d6	6.09	67	131474	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.34	98	381625	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%
43) trans-1,3-Dichloropropene-	7.64	79	66797	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.11	63	98207	74.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166292	41.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	162602	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	35169	13.539 ug/L	97
25) Chloroform	4.40	83	5041m	1.094 ug/L	
34) Trichloroethene	5.94	95	15136	5.695 ug/L	96
46) Tetrachloroethene	8.00	164	100397	48.028 ug/L	97

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

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