

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016985.D
 Acq On : 18 Jun 2020 18:15
 Operator : SY/MD
 Sample : L3039-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M07

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 3:03:02 PM

Quant Time: Jun 19 07:06:48 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	343791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152048	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82561	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.06%
7) Chloroethane-d5	1.58	69	59117	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.22%
11) 1,1-Dichloroethene-d2	2.12	63	131532	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.91	46	163009	90.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.79%
24) Chloroform-d	4.38	84	217895	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.06	65	157572	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.07	84	414026	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
36) 1,2-Dichloropropane-d6	6.09	67	130033	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.74%
41) Toluene-d8	7.34	98	380307	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	7.64	79	64449	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.11	63	98892	78.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166511	43.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	161062	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	29917m	11.795 ug/L	
34) Trichloroethene	5.94	95	7602	2.971 ug/L	94
46) Tetrachloroethene	8.00	164	66414	33.000 ug/L	97

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

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