

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016913.D
 Acq On : 13 Jun 2020 05:40
 Operator : SY/MD
 Sample : L2990-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG9

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:23:21 PM

Quant Time: Jun 13 07:25:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Jun 13 06:09:05 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	367136	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	346633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104777	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.90%
7) Chloroethane-d5	1.57	69	65217	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.92%
11) 1,1-Dichloroethene-d2	2.12	63	161796	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	3.90	46	174544	91.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.03%
24) Chloroform-d	4.37	84	228741	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.06	65	176545	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.08	84	437736	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.10	67	136021	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.34%
41) Toluene-d8	7.38	98	417295	45.51	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.66	79	70556	43.49	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
47) 2-Hexanone-d5	8.11	63	117652	86.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176470	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	181536	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%

Target Compounds

					Ovalue
29) Cyclohexane	4.70	56	3586	0.833 ug/L #	84
30) 1,1,1-Trichloroethane	4.63	97	16565	3.747 ug/L	96
34) Trichloroethene	5.94	95	2777m	1.010 ug/L	
35) Methylcyclohexane	6.16	83	91625	21.234 ug/L #	75
42) Toluene	7.41	91	70824482m	6550.776 ug/L	
46) Tetrachloroethene	8.01	164	11473	5.304 ug/L	95
52) Ethylbenzene	9.04	91	4164896	347.791 ug/L	99
53) m,p-Xylene	9.16	106	2248013	504.177 ug/L	98
54) o-xylene	9.57	106	310778	70.672 ug/L	97
56) Isopropylbenzene	9.95	105	25266	2.138 ug/L	98

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

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