

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016851.D
 Acq On : 12 Jun 2020 01:10
 Operator : SY/MD
 Sample : L2915-12DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E20DL

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 3:36:27 PM

Quant Time: Jun 12 07:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376424	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113427	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.40%
7) Chloroethane-d5	1.56	69	60923	38.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.46%
11) 1,1-Dichloroethene-d2	2.12	63	148152	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	3.90	46	170961	86.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.96%
24) Chloroform-d	4.37	84	224305	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.06%
26) 1,2-Dichloroethane-d4	5.05	65	165366	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
32) Benzene-d6	5.07	84	444478	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.09	67	137762	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.34	98	405495	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.64	79	65914	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.32%
47) 2-Hexanone-d5	8.11	63	100704	73.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172341	41.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	164873	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds					Qvalue
29) Cyclohexane	4.69	56	4450m	1.021	ug/L
33) Benzene	5.12	78	1181765	113.902	ug/L 100
42) Toluene	7.41	91	79026	7.225	ug/L 98
52) Ethylbenzene	9.03	91	108545	8.960	ug/L 98
53) m,p-Xylene	9.16	106	6506	1.442	ug/L 95
54) o-xylene	9.57	106	11600	2.608	ug/L 99

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

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