

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016859.D
 Acq On : 12 Jun 2020 04:20
 Operator : SY/MD
 Sample : L2915-04DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E08DL

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 3:36:46 PM

Quant Time: Jun 12 08:01:45 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	362692	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107548	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.04%
7) Chloroethane-d5	1.56	69	60246	39.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.46%
11) 1,1-Dichloroethene-d2	2.12	63	147385	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	3.90	46	167672	88.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.37	84	223905	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.05	65	165208	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.07	84	443515	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.09	67	136956	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.08%
41) Toluene-d8	7.34	98	400168	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.64	79	66032	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
47) 2-Hexanone-d5	8.11	63	96198	71.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167861	41.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	159052	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds				Qvalue
29) Cyclohexane	4.70	56	2874m	0.676 ug/L
33) Benzene	5.12	78	1000223	98.780 ug/L 100
42) Toluene	7.41	91	29623	2.775 ug/L 94
52) Ethylbenzene	9.04	91	63018	5.330 ug/L 100
53) m,p-Xylene	9.16	106	5367	1.219 ug/L 95
54) o-xylene	9.57	106	5837	1.344 ug/L 86

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

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