

Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E40

Manual Integrations
APPROVED

sam
6/6/2020 11:32:26 AM

Quant Time: Jun 06 02:05:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111016	41.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.88%
7) Chloroethane-d5	1.56	69	76326	39.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.92%
11) 1,1-Dichloroethene-d2	2.12	63	144587	30.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.88%
21) 2-Butanone-d5	3.90	46	161575	94.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.32%
24) Chloroform-d	4.38	84	214994	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.07	65	159785	47.46	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
32) Benzene-d6	5.08	84	434778	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
36) 1,2-Dichloropropane-d6	6.10	67	133178	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.35	98	404001	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	7.65	79	59178	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
47) 2-Hexanone-d5	8.11	63	122444	92.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168081	40.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	165204	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%

Target Compounds

						Qvalue
13) Acetone	2.17	43	9234	5.767	ug/L	94
22) 2-Butanone	4.00	43	10268m	5.168	ug/L	
29) Cyclohexane	4.70	56	737270	167.336	ug/L	99
33) Benzene	5.12	78	35958620m	3293.644	ug/L	
35) Methylcyclohexane	6.16	83	115948	28.198	ug/L	96
42) Toluene	7.41	91	35738600m	3089.235	ug/L	
52) Ethylbenzene	9.04	91	21566692m	1712.833	ug/L	
53) m,p-Xylene	9.17	106	5981865	1259.934	ug/L	93
54) o-xylene	9.57	106	5306664	1154.087	ug/L	93
56) Isopropylbenzene	9.95	105	758794	63.531	ug/L	100

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

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