

Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E42

Manual Integrations
APPROVED

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

Quant Time: Jun 06 02:43:01 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	402205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	119323	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.78%
7) Chloroethane-d5	1.56	69	89281	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.82%
11) 1,1-Dichloroethene-d2	2.12	63	160187	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	3.90	46	180757	99.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.23%
24) Chloroform-d	4.38	84	239243	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
26) 1,2-Dichloroethane-d4	5.12	65	176714m	49.36	ug/L	0.06
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
32) Benzene-d6	5.10	84	446490	41.66	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
36) 1,2-Dichloropropane-d6	6.10	67	142142	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.12%
41) Toluene-d8	7.34	98	446364	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%
43) trans-1,3-Dichloropropene-	7.64	79	66959	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
47) 2-Hexanone-d5	8.11	63	137858	96.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183040	40.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	177359	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

						Qvalue
13) Acetone	2.17	43	10419	6.120	ug/L	88
22) 2-Butanone	4.02	43	2385m	1.129	ug/L	
29) Cyclohexane	4.70	56	1432232	301.606	ug/L	98
33) Benzene	5.12	78	56657380m	4814.965	ug/L	
35) Methylcyclohexane	6.15	83	148303	33.463	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	23111	5.476	ug/L	97
42) Toluene	7.41	91	17279828m	1385.849	ug/L	
52) Ethylbenzene	9.04	91	18629323m	1372.750	ug/L	
53) m,p-Xylene	9.16	106	2171792	424.416	ug/L	100
54) o-xylene	9.57	106	3390322	684.102	ug/L	97
56) Isopropylbenzene	9.96	105	741332	57.589	ug/L	100

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

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