

Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E41

Manual Integrations
APPROVED

sam
6/6/2020 11:33:41 AM

Quant Time: Jun 06 02:20:31 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	397802	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	390206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110169	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.20%
7) Chloroethane-d5	1.56	69	77392	38.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.10%
11) 1,1-Dichloroethene-d2	2.12	63	144710	28.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.94%#
21) 2-Butanone-d5	3.90	46	166094	92.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.19%
24) Chloroform-d	4.38	84	218771	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
26) 1,2-Dichloroethane-d4	5.07	65	163803	46.26	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.08	84	442858	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.10	67	134715	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.72%
41) Toluene-d8	7.35	98	414971	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.65	79	60129	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.11	63	129343	92.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171530	38.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	166698	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

						Qvalue
13) Acetone	2.17	43	8758	5.201	ug/L	100
22) 2-Butanone	4.00	43	10520m	5.035	ug/L	
29) Cyclohexane	4.70	56	758362	163.749	ug/L	99
33) Benzene	5.12	78	35915569m	3129.653	ug/L	
35) Methylcyclohexane	6.15	83	121926	28.209	ug/L	97
42) Toluene	7.41	91	35855939m	2948.589	ug/L	
52) Ethylbenzene	9.04	91	21894062m	1654.236	ug/L	
53) m,p-Xylene	9.17	106	6245137	1251.390	ug/L	92
54) o-xylene	9.57	106	5499717	1137.882	ug/L	92
56) Isopropylbenzene	9.96	105	793119	63.175	ug/L	100

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

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