

Data File : VV016543.D
Acq On : 05 Jun 2020 18:04
Operator : SY/MD
Sample : L2861-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Manual Integrations
APPROVED

sam
6/6/2020 11:34:03 AM

Quant Time: Jun 06 08:22:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	403451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	125637	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.56	69	91717	43.02	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.04%
11) 1,1-Dichloroethene-d2	2.11	63	164626	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	3.90	46	188155	99.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.65%
24) Chloroform-d	4.37	84	248466	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.08	65	177935	47.95	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.09	84	494503	45.76	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.09	67	151613	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.04%
41) Toluene-d8	7.34	98	458182	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.64	79	70741	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
47) 2-Hexanone-d5	8.11	63	146118	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196711	43.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	186493	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

						Qvalue
13) Acetone	2.17	43	34775	19.706	ug/L	100
14) Carbon disulfide	2.30	76	7283	0.909	ug/L	95
22) 2-Butanone	3.99	43	64553	29.479	ug/L	97
29) Cyclohexane	4.70	56	269944	56.374	ug/L	100
33) Benzene	5.12	78	40996967m	3455.161	ug/L	
35) Methylcyclohexane	6.15	83	43793	9.799	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	133573	31.388	ug/L	99
42) Toluene	7.41	91	3362467	267.433	ug/L	99
48) 2-Hexanone	8.16	43	26878	8.124	ug/L #	96
52) Ethylbenzene	9.04	91	6323499	462.096	ug/L	99
53) m,p-Xylene	9.16	106	1572262	304.704	ug/L	99
54) o-xylene	9.57	106	1163309	232.785	ug/L	98
56) Isopropylbenzene	9.95	105	169262	13.040	ug/L	99

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

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