

Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E67

Manual Integrations
APPROVED

sam
6/6/2020 11:34:16 AM

Quant Time: Jun 06 08:57:50 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	433947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	416914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123793	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.56%
7) Chloroethane-d5	1.56	69	88340	39.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.62%
11) 1,1-Dichloroethene-d2	2.12	63	164925	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	3.90	46	197746	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.37	84	248250	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.08	65	175085m	45.33	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.09	84	488913	43.78	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.09	67	154386	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.74%
41) Toluene-d8	7.34	98	465017	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	7.64	79	72989	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.11	63	163818	109.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201360	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	184245	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%

Target Compounds

						Qvalue
13) Acetone	2.17	43	11539	6.282	ug/L	100
29) Cyclohexane	4.70	56	184628	37.312	ug/L	99
33) Benzene	5.12	78	46689411m	3807.845	ug/L	
35) Methylcyclohexane	6.15	83	29579	6.405	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	261458	59.456	ug/L	99
42) Toluene	7.41	91	12315743	947.897	ug/L	94
48) 2-Hexanone	8.16	43	164324	48.065	ug/L #	98
52) Ethylbenzene	9.04	91	7730074	546.641	ug/L	99
53) m,p-Xylene	9.16	106	1161495	217.829	ug/L	98
54) o-xylene	9.57	106	1409439	272.930	ug/L	100
56) Isopropylbenzene	9.95	105	167993	12.524	ug/L #	97

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

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