

Data File : VV016557.D
Acq On : 06 Jun 2020 00:29
Operator : SY/MD
Sample : L2862-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D73

Manual Integrations
APPROVED

sam
6/6/2020 11:32:44 AM

Quant Time: Jun 06 06:53:03 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	384691	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	119532	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.74%
7) Chloroethane-d5	1.56	69	87766	44.62	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.24%
11) 1,1-Dichloroethene-d2	2.12	63	165247	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	3.89	46	199907	114.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	4.37	84	245751	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.05	65	172311	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.07	84	502696	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.09	67	155946	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.34	98	450494	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.64	79	71699	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.11	63	154804	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215071	52.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	193426	56.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.36%

Target Compounds

					Qvalue
13) Acetone	2.17	43	2968	1.823 ug/L	92
27) 1,2-Dichloroethane	5.15	62	92050m	21.687 ug/L	
29) Cyclohexane	4.70	56	82243	19.084 ug/L	99
33) Benzene	5.12	78	5808135	543.892 ug/L	100
35) Methylcyclohexane	6.15	83	7879m	1.959 ug/L	
42) Toluene	7.42	91	9766	0.863 ug/L	88
52) Ethylbenzene	9.04	91	97994	7.957 ug/L	99
53) m,p-Xylene	9.16	106	2795	0.602 ug/L	61
56) Isopropylbenzene	9.95	105	19676	1.684 ug/L	98

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

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