

Data File : VV016542.D
Acq On : 05 Jun 2020 17:40
Operator : SY/MD
Sample : L2861-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E47

Manual Integrations
APPROVED

sam
6/6/2020 11:33:59 AM

Quant Time: Jun 06 04:51:14 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	403525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	381640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	116495	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.52%
7) Chloroethane-d5	1.56	69	81666	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.11	63	156427	30.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.74%
21) 2-Butanone-d5	3.90	46	167423	91.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.61%
24) Chloroform-d	4.37	84	219721	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	5.05	65	162796	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.07	84	462699	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
36) 1,2-Dichloropropane-d6	6.09	67	144201	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.34	98	418820	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.64	79	63633	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.11	63	135247	99.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198926	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	176457	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

					Qvalue
13) Acetone	2.17	43	6524	3.820 ug/L	93
25) Chloroform	4.40	83	8051	1.469 ug/L	96
29) Cyclohexane	4.69	56	6359m	1.404 ug/L	
33) Benzene	5.13	78	43238	3.852 ug/L	100
42) Toluene	7.41	91	39380	3.311 ug/L	99
52) Ethylbenzene	9.04	91	35434	2.737 ug/L	97
53) m,p-Xylene	9.16	106	4208	0.862 ug/L	87
54) o-xylene	9.57	106	2865	0.606 ug/L	89

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

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