

Data File : VV016540.D
Acq On : 05 Jun 2020 16:53
Operator : SY/MD
Sample : L2861-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E45

Manual Integrations
APPROVED

sam
6/6/2020 11:32:38 AM

Quant Time: Jun 06 03:42:27 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	409429	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	392256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112774	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.78%
7) Chloroethane-d5	1.56	69	82218	39.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.54%
11) 1,1-Dichloroethene-d2	2.12	63	153652	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	3.90	46	162280	87.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	4.37	84	229393	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
26) 1,2-Dichloroethane-d4	5.06	65	167620	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
32) Benzene-d6	5.08	84	462352	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	141507	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.44%
41) Toluene-d8	7.34	98	428661	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%
43) trans-1,3-Dichloropropene-	7.64	79	65391	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.96%
47) 2-Hexanone-d5	8.11	63	133363	95.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184362	41.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	178402	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%

Target Compounds

						Qvalue
29) Cyclohexane	4.70	56	1324895	284.583	ug/L	99
33) Benzene	5.13	78	16993683	1473.076	ug/L	100
35) Methylcyclohexane	6.15	83	146773	33.780	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	6812	1.646	ug/L #	91
42) Toluene	7.41	91	12915730	1056.566	ug/L	93
50) 1,2-Dibromoethane	8.38	107	28730	9.341	ug/L #	98
52) Ethylbenzene	9.04	91	16373685m	1230.671	ug/L	
53) m,p-Xylene	9.16	106	1372492	273.580	ug/L	99
54) o-xylene	9.57	106	1348745	277.595	ug/L	99
56) Isopropylbenzene	9.95	105	1008577	79.917	ug/L	100

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

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