Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011620\
Data File : VX014639.D
Acq On : 16 Jan 2020 15:34
Operator : JC/SP
Sample : L1159-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 4001157623

Manual Integrations APPROVED
MMDadoda
1/17/2020 11:23:37 AM

Quant Time: Jan 17 08:54:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	72637	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	397285	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	360969	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	156306	30.61	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.03%			
60) 4-Bromofluorobenzene	11.13	95	168971	29.25	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.50%			
63) Toluene-d8	8.71	98	488757	29.98	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.93%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	8816	2.954	ug/l	93
12) Methyl Acetate	2.76	43	11760m	1.619	ug/l	
15) Acetone	2.42	58	623030	747.708	ug/l	89
23) tert-Butyl Alcohol	3.03	59	11911874	11588.449	ug/l	100
24) Methyl tert-Butyl Ether	3.18	73	43857	3.277	ug/l #	85
30) 2-Butanone	4.65	43	2768312	750.043	ug/l	98
34) Benzene	6.13	78	110808	6.154	ug/l	95
45) 1,4-Dioxane	7.73	88	18605	172.561	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	137195	20.183	ug/l	96
59) 2-Hexanone	9.49	43	22070	4.198	ug/l	96
62) Toluene	8.78	91	85762	4.478	ug/l	100
64) Chlorobenzene	10.14	112	19268m	1.612	ug/l	
66) Ethyl Benzene	10.25	91	170246	8.161	ug/l	96
67) m/p-Xylenes	10.36	106	84269	10.547	ug/l	98
68) o-Xylene	10.70	106	50275	6.462	ug/l	100
70) Isopropylbenzene	11.01	105	27581	1.353	ug/l	99
74) n-propylbenzene	11.35	91	9069	0.389	ug/l	93
76) 1,3,5-Trimethylbenzene	11.50	105	15808	0.931	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	82850	4.891	ug/l	99
82) p-Isopropyltoluene	12.06	119	44391	2.473	ug/l	96
84) 1,4-Dichlorobenzene	12.09	146	64926	6.941	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	3641	0.382	ug/l	97
91) Naphthalene	13.83	128	365229	19.256	ug/l	99

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

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