Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082319\
Data File : VN057471.D
Acq On : 23 Aug 2019 13:49
Operator : JC/SP
Sample : K4488-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 390821767.1-VOA

Manual Integrations APPROVED
MMDadoda
8/26/2019 1:12:19 PM

Quant Time: Aug 23 23:59:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.18	128	68571	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.57	114	380549	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.40	117	301624	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.01	65	199130	30.12	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.40%				
60) 4-Bromofluorobenzene	12.40	95	129337	26.00	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 86.67%				
63) Toluene-d8	10.09	98	483865	31.77	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.90%				
Target Compounds							Qvalue
8) Diethyl Ether	3.39	74	13675	3.270	ug/l		87
12) Methyl Acetate	4.30	43	8518	1.429	ug/l		98
23) tert-Butyl Alcohol	4.78	59	3357027	4461.724	ug/l	#	100
24) Methyl tert-Butyl Ether	5.03	73	40224	2.942	ug/l	#	71
30) 2-Butanone	6.82	43	186233	59.892	ug/l	#	80
45) 1,4-Dioxane	9.19	88	7159	103.083	ug/l	#	82
58) 4-Methyl-2-Pentanone	9.98	43	41773	7.060	ug/l		94
62) Toluene	10.15	91	42226	2.291	ug/l		98
64) Chlorobenzene	11.43	112	7828	0.781	ug/l		93
66) Ethyl Benzene	11.51	91	16934	0.858	ug/l		96
67) m/p-Xylenes	11.62	106	58303	8.520	ug/l		100
68) o-Xylene	11.95	106	35387	5.233	ug/l		96
70) Isopropylbenzene	12.25	105	62980	3.481	ug/l		98
76) 1,3,5-Trimethylbenzene	12.73	105	13242	0.892	ug/l		93
80) 1,2,4-Trimethylbenzene	13.04	105	39515	2.855	ug/l		95
83) 1,3-Dichlorobenzene	13.29	146	2024	0.355	ug/l		74
84) 1,4-Dichlorobenzene	13.37	146	21245	3.831	ug/l		94
85) n-Butylbenzene	13.62	91	4354	0.357	ug/l		85
87) 1,2-Dichlorobenzene	13.66	146	3732m	0.667	ug/l		
91) Naphthalene	15.13	128	9473	10.665	ug/l	#	88

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

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