Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058240.D
Acq On : 20 Sep 2019 11:20
Operator : JC/SP
Sample : K4949-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 390918737.1-VOA

Quant Time: Sep 23 15:12:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	74504	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	440432	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	383740	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	203619	30.90	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.00%			
60) 4-Bromofluorobenzene	12.40	95	186158	28.35	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.50%			
63) Toluene-d8	10.08	98	541982	29.43	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.10%			
Target Compounds						Qvalue
8) Diethyl Ether	3.39	74	17064	6.375	ug/l	97
15) Acetone	3.80	58	15715	25.116	ug/l	96
16) Carbon Disulfide	4.03	76	10633	1.159	ug/l	97
23) tert-Butyl Alcohol	4.75	59	3357360m	4666.236	ug/l	
24) Methyl tert-Butyl Ether	5.01	73	38057	2.520	ug/l #	100
34) Benzene	8.03	78	63414	3.089	ug/l #	45
45) 1,4-Dioxane	9.19	88	7172	82.129	ug/l	97
62) Toluene	10.15	91	69385	3.265	ug/l	100
64) Chlorobenzene	11.43	112	10420	0.791	ug/l	91
66) Ethyl Benzene	11.51	91	15445	0.666	ug/l	90
67) m/p-Xylenes	11.62	106	88869	10.040	ug/l	98
68) o-Xylene	11.95	106	50859	5.865	ug/l	99
70) Isopropylbenzene	12.25	105	20987	0.915	ug/l	95
76) 1,3,5-Trimethylbenzene	12.74	105	16288	0.834	ug/l	97
80) 1,2,4-Trimethylbenzene	13.05	105	57078	2.935	ug/l	98
82) p-Isopropyltoluene	13.29	119	9523	0.471	ug/l	98
84) 1,4-Dichlorobenzene	13.37	146	36617	3.646	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	3115	0.315	ug/l	81
91) Naphthalene	15.13	128	60297	3.623	ug/l	98

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

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