Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051420\
Data File : VN061404.D
Acq On : 14 May 2020 20:02
Operator : JC/MD
Sample : L2642-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 400513791-VOA

Manual Integrations APPROVED
MMDadoda
5/15/2020 2:11:09 PM

Quant Time: May 15 07:36:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.15	128	18633	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.55	114	106810	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.38	117	92990	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.99	65	50788	30.44	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.47%				
60) 4-Bromofluorobenzene	12.38	95	46342	29.19	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.30%				
63) Toluene-d8	10.06	98	134007	31.12	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.73%				
Target Compounds							Qvalue
4) Vinyl Chloride	2.16	62	1176	0.566	ug/l		97
8) Diethyl Ether	3.37	74	2850	4.027	ug/l		82
15) Acetone	3.78	58	6791	49.565	ug/l		87
23) tert-Butyl Alcohol	4.73	59	1089001	5954.379	ug/l	#	100
24) Methyl tert-Butyl Ether	4.99	73	14862m	3.659	ug/l		
30) 2-Butanone	6.78	43	64710	81.616	ug/l	#	71
31) 2,2-Dichloropropane	6.77	77	74948	34.227	ug/l	#	53
34) Benzene	8.00	78	38906	7.337	ug/l	#	81
45) 1,4-Dioxane	9.17	88	2160	166.458	ug/l		97
62) Toluene	10.12	91	41232	7.647	ug/l		98
64) Chlorobenzene	11.41	112	6101	1.912	ug/l		100
66) Ethyl Benzene	11.48	91	41424	6.694	ug/l		100
67) m/p-Xylenes	11.59	106	33555	14.685	ug/l		100
68) o-Xylene	11.92	106	20555	9.425	ug/l		97
70) Isopropylbenzene	12.22	105	5265	0.891	ug/l		95
74) n-propylbenzene	12.56	91	1963	0.279	ug/l		93
76) 1,3,5-Trimethylbenzene	12.71	105	5858	1.181	ug/l		97
80) 1,2,4-Trimethylbenzene	13.01	105	24271	4.904	ug/l		98
82) p-Isopropyltoluene	13.26	119	19187	3.755	ug/l		97
84) 1,4-Dichlorobenzene	13.34	146	14755	6.536	ug/l		96
87) 1,2-Dichlorobenzene	13.63	146	1877	0.867	ug/l		93
91) Naphthalene	15.10	128	140339	35.891	ug/l		99

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

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