Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030419\
Data File : VN054058.D
Acq On : 4 Mar 2019 10:15
Operator : JC/SP
Sample : VN0304WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0304WBL01

Quant Time: Mar 04 23:32:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N030119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 01 11:11:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	110766	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	582551	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	485965	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	240444	30.91	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.03%			
60) 4-Bromofluorobenzene	12.40	95	176312	23.70	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 79.00%			
63) Toluene-d8	10.09	98	703613	30.09	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.30%			
Target Compounds						Qvalue
3) Chloromethane	2.05	50	525	0.063	ug/l #	58
4) Vinyl Chloride	2.17	62	95	0.011	ug/l #	44
5) Bromomethane	2.57	94	99	0.019	ug/l #	21
6) Chloroethane	2.70	64	115	0.023	ug/l #	43
11) Methyl Iodide	3.95	142	98	0.011	ug/l #	44
15) Acetone	3.86	58	73	0.102	ug/l #	1
16) Carbon Disulfide	4.06	76	944	0.048	ug/l #	75
17) Allyl chloride	4.33	41	115	0.011	ug/l #	25
22) cis-1,2-Dichloroethene	7.18	96	100	0.014	ug/l #	1
30) 2-Butanone	6.84	43	170	0.059	ug/l #	55
35) Methacrylonitrile	7.21	41	68	0.021	ug/l #	29
36) 1,2-Dichloroethane	8.12	62	684	0.079	ug/l #	74
38) Methylcyclohexane	8.72	83	92	0.009	ug/l #	17
39) 1,2-Dichloropropane	8.79	63	62	0.008	ug/l #	45
42) Vinyl Acetate	6.19	43	129	0.009	ug/l #	77
43) Ethyl Acetate	6.93	43	92	0.015	ug/l #	97
46) Methyl methacrylate	9.12	41	142	0.028	ug/l #	14
47) n-amyl Acetate	12.08	43	169	0.022	ug/l #	49
48) t-1,3-Dichloropropene	10.08	75	66	0.007	ug/l #	71
49) cis-1,3-Dichloropropene	10.08	75	66	0.006	ug/l #	71
50) 1,1,2-Trichloroethane	10.21	97	64	0.011	ug/l #	14
55) 2-Chloroethyl vinyl ether	10.09	63	581	0.174	ug/l #	1
56) Bromoform	12.40	173	684	0.157	ug/l #	1
58) 4-Methyl-2-Pentanone	9.98	43	562	0.103	ug/l #	43
59) 2-Hexanone	10.75	43	354	0.099	ug/l #	33
62) Toluene	10.17	91	66	0.002	ug/l #	23
64) Chlorobenzene	11.43	112	60	0.004	ug/l #	43
66) Ethyl Benzene	11.51	91	355	0.013	ug/l #	44
67) m/p-Xylenes	11.62	106	144	0.013	ug/l #	1
68) o-Xylene	11.62	106	144	0.014	ug/l #	1
69) Styrene	11.97	104	234	0.014	ug/l #	66
70) Isopropylbenzene	12.25	105	226	0.008	ug/l #	48
72) 1,2,3-Trichloropropane	12.56	75	134	0.026	ug/l	69
73) Bromobenzene	12.53	156	105	0.015	ug/l #	36
74) n-propylbenzene	12.59	91	470	0.015	ug/l #	53
75) 2-Chlorotoluene	12.68	91	386	0.020	ug/l #	40
76) 1,3,5-Trimethylbenzene	12.73	105	305	0.013	ug/l #	28

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 01 11:11:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
78) 4-Chlorotoluene	12.77	91	201	0.011 ug/l #	41
79) tert-butylbenzene	12.99	119	344	0.017 ug/l #	84
80) 1,2,4-Trimethylbenzene	13.04	105	480	0.021 ug/l #	31
81) sec-Butylbenzene	13.17	105	512	0.018 ug/l #	56
82) p-Isopropyltoluene	13.28	119	384	0.016 ug/l #	50
83) 1,3-Dichlorobenzene	13.37	146	452	0.037 ug/l	76
84) 1,4-Dichlorobenzene	13.37	146	452	0.039 ug/l	76
85) n-Butylbenzene	13.62	91	436	0.021 ug/l #	84
87) 1,2-Dichlorobenzene	13.37	146	452	0.039 ug/l	75
89) 1,2,4-Trichlorobenzene	15.32	180	988	0.166 ug/l	85
92) 1,2,3-Trichlorobenzene	15.32	180	988	0.168 ug/l	83

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

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