Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030119\
Data File : VN054029.D
Acq On : 1 Mar 2019 15:04
Operator : JC/SP
Sample : VN0301WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0301WBSD01

Manual Integrations APPROVED
MMDadoda
3/6/2019 10:23:55 AM

Quant Time: Mar 02 00:09:18 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	119958	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	638726	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	553437	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	251233	29.82	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.40%			
60) 4-Bromofluorobenzene	12.40	95	244551	28.87	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 96.23%			
63) Toluene-d8	10.09	98	815067	30.61	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	135989	20.050	ug/l	99
3) Chloromethane	2.06	50	184707	20.473	ug/l	100
4) Vinyl Chloride	2.19	62	185105	20.489	ug/l	97
5) Bromomethane	2.57	94	112734	20.285	ug/l	100
6) Chloroethane	2.71	64	108901	20.473	ug/l	99
7) Trichlorofluoromethane	3.02	101	226667	20.650	ug/l	99
8) Diethyl Ether	3.41	74	83896	20.323	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141175	20.005	ug/l	97
10) 1,1-Dichloroethene	3.74	96	133734	20.225	ug/l	99
11) Methyl Iodide	3.96	142	191987	19.575	ug/l	98
12) Methyl Acetate	4.33	43	116996	20.986	ug/l	98
13) Acrolein	3.61	56	69188	125.143	ug/l	100
14) Acrylonitrile	4.99	53	274393	102.422	ug/l	98
15) Acetone	3.82	58	66092	85.604	ug/l	97
16) Carbon Disulfide	4.06	76	424718	19.798	ug/l	100
17) Allyl chloride	4.33	41	226026	19.329	ug/l	99
18) Methylene Chloride	4.55	84	160568	21.030	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	143326	19.980	ug/l	98
20) Diisopropyl ether	5.95	45	480812	20.554	ug/l	95
21) 1,1-Dichloroethane	5.85	63	288694	20.897	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	163419	20.464	ug/l	97
23) tert-Butyl Alcohol	4.78	59	47913	99.850	ug/l #	100
24) Methyl tert-Butyl Ether	5.04	73	371470	20.752	ug/l	100
25) Chloroform	7.37	83	274676	20.606	ug/l	100
26) Cyclohexane	7.65	56	256990	20.440	ug/l #	99
29) 1,1-Dichloropropene	7.79	75	210026	20.992	ug/l	98
30) 2-Butanone	6.83	43	308083	97.528	ug/l	99
31) 2,2-Dichloropropane	6.83	77	196448	19.913	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	226668	21.063	ug/l	99
33) Carbon Tetrachloride	7.78	117	197751	20.754	ug/l	97
34) Benzene	8.04	78	627195	21.094	ug/l	99
35) Methacrylonitrile	7.18	41	76046	21.530	ug/l	87
36) 1,2-Dichloroethane	8.13	62	201654	21.120	ug/l	99
37) Trichloroethene	8.84	130	160102	20.627	ug/l	98
38) Methylcyclohexane	9.08	83	234187	19.832	ug/l	98
39) 1,2-Dichloropropane	9.12	63	171624	21.070	ug/l	98
40) Dibromomethane	9.21	93	98511	21.096	ug/l	99

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 02 00:09:18 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)
41) Bromodichloromethane	9.40	83	206428	20.834 ug/l	99
42) Vinyl Acetate	5.90	43	1685073	103.254 ug/l	100
43) Ethyl Acetate	6.93	43	139030	21.012 ug/l #	70
44) Isopropyl Acetate	8.16	43	236153	20.340 ug/l	98
45) 1,4-Dioxane	9.20	88	29312	430.211 ug/l	92
46) Methyl methacrylate	9.20	41	111665	20.023 ug/l	95
47) n-amyl Acetate	12.07	43	155052	18.180 ug/l	99
48) t-1,3-Dichloropropene	10.38	75	196007	19.730 ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	233370	20.005 ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	136524	20.842 ug/l	99
51) Ethyl methacrylate	10.43	69	155542	19.725 ug/l	98
52) 1,3-Dichloropropane	10.71	76	231919	20.629 ug/l	100
53) Dibromochloromethane	10.90	129	144937	20.137 ug/l	97
54) 1,2-Dibromoethane	11.01	107	125606	20.130 ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	342818	93.683 ug/l	99
56) Bromoform	12.13	173	91773	19.203 ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	637672	102.253 ug/l	98
59) 2-Hexanone	10.75	43	386237	94.795 ug/l	99
61) Tetrachloroethene	10.63	164	158800	20.640 ug/l	97
62) Toluene	10.16	91	650124	21.019 ug/l	100
64) Chlorobenzene	11.43	112	384320	20.405 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	143983	20.820 ug/l	99
66) Ethyl Benzene	11.51	91	656374	20.302 ug/l	100
67) m/p-Xylenes	11.62	106	502219	41.259 ug/l	99
68) o-Xylene	11.95	106	240581	20.389 ug/l	99
69) Styrene	11.96	104	375214	20.082 ug/l	98
70) Isopropylbenzene	12.25	105	633691	20.462 ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	155176	20.301 ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	128800m	22.192 ug/l	
73) Bromobenzene	12.53	156	152931	19.586 ug/l	99
74) n-propylbenzene	12.59	91	726562	19.702 ug/l	100
75) 2-Chlorotoluene	12.67	91	433010	20.051 ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	516415	19.685 ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	36122	17.489 ug/l	94
78) 4-Chlorotoluene	12.77	91	418986	19.389 ug/l	99
79) tert-butylbenzene	12.99	119	450340	19.591 ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	515759	19.754 ug/l	100
81) sec-Butylbenzene	13.17	105	608881	19.313 ug/l	99
82) p-Isopropyltoluene	13.29	119	506733	18.824 ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	254573	18.485 ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	240803	18.313 ug/l	99
85) n-Butylbenzene	13.62	91	393627	16.777 ug/l	100
86) Hexachloroethane	13.88	117	93179	18.514 ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	255921	19.161 ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	20993	18.982 ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	103257	15.217 ug/l	99
90) Hexachlorobutadiene	15.01	225	82591	16.752 ug/l	99
91) Naphthalene	15.13	128	203732	17.981 ug/l	98
92) 1,2,3-Trichlorobenzene	15.32	180	107044	15.975 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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