Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102620\
Data File : VN064308.D
Acq On : 26 Oct 2020 17:29
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 17:49:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N102620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 16:34:22 2020
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.15	128	51165	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.55	114	279625	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.38	117	261606	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.98	65	129662	28.84	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.13%				
60) 4-Bromofluorobenzene	12.38	95	139907	30.05	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.17%				
63) Toluene-d8	10.06	98	341603	29.26	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.53%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	629183	186.003	ug/l		93
3) Chloromethane	2.04	50	598887	172.133	ug/l		99
4) Vinyl Chloride	2.16	62	575660	164.233	ug/l		100
5) Bromomethane	2.50	94	344650	151.516	ug/l		91
6) Chloroethane	2.65	64	315969	155.329	ug/l		96
7) Trichlorofluoromethane	2.97	101	854821	145.897	ug/l		91
8) Diethyl Ether	3.37	74	286819	149.183	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	432061	149.628	ug/l		99
10) 1,1-Dichloroethene	3.69	96	433485	155.775	ug/l		99
11) Methyl Iodide	3.91	142	661079	164.801	ug/l		97
12) Methyl Acetate	4.27	43	521160	157.995	ug/l		97
13) Acrolein	3.56	56	182189	697.836	ug/l		99
14) Acrylonitrile	4.93	53	1184420	904.241	ug/l		99
15) Acetone	3.77	58	293268	732.090	ug/l		97
16) Carbon Disulfide	4.01	76	1296968	160.375	ug/l		98
17) Allyl chloride	4.27	41	868545	162.576	ug/l		96
18) Methylene Chloride	4.50	84	495081	151.030	ug/l		97
19) trans-1,2-Dichloroethene	4.98	96	474177	152.026	ug/l		95
20) Diisopropyl ether	5.90	45	1708894	165.975	ug/l		92
21) 1,1-Dichloroethane	5.79	63	929435	153.288	ug/l		99
22) cis-1,2-Dichloroethene	6.78	96	540868	149.452	ug/l		97
23) tert-Butyl Alcohol	4.74	59	512540	853.336	ug/l	#	100
24) Methyl tert-Butyl Ether	4.99	73	1623192	163.776	ug/l		97
25) Chloroform	7.33	83	960200	146.639	ug/l		94
26) Cyclohexane	7.61	56	782612	165.563	ug/l	#	98
29) 1,1-Dichloropropene	7.75	75	730039	154.376	ug/l		98
30) 2-Butanone	6.78	43	1717808	812.793	ug/l	#	97
31) 2,2-Dichloropropane	6.78	77	858371m	146.043	ug/l		
32) 1,1,1-Trichloroethane	7.53	97	929893	153.785	ug/l		98
33) Carbon Tetrachloride	7.73	117	840573	154.931	ug/l		96
34) Benzene	8.00	78	2003046	154.765	ug/l	#	86
35) Methacrylonitrile	7.12	41	345275	162.381	ug/l		97
36) 1,2-Dichloroethane	8.08	62	844643	150.844	ug/l	#	91
37) Trichloroethene	8.80	130	544611	154.196	ug/l		94
38) Methylcyclohexane	9.05	83	716935	164.953	ug/l		99
39) 1,2-Dichloropropane	9.08	63	536379	153.809	ug/l		97
40) Dibromomethane	9.17	93	368695	152.796	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	9.37	83	809206	154.888 ug/l		99
42) Vinyl Acetate	5.84	43	7461170	802.610 ug/l		100
43) Ethyl Acetate	6.88	43	724365	161.858 ug/l	#	71
44) Isopropyl Acetate	8.13	43	1290886	161.417 ug/l	#	87
45) 1,4-Dioxane	9.17	88	196945	3820.023 ug/l		97
46) Methyl methacrylate	9.16	41	642899	165.381 ug/l		97
47) n-amyl Acetate	12.05	43	1180373	170.423 ug/l		100
48) t-1,3-Dichloropropene	10.35	75	916817	156.157 ug/l		97
49) cis-1,3-Dichloropropene	9.81	75	936364	154.217 ug/l		98
50) 1,1,2-Trichloroethane	10.53	97	499535	154.872 ug/l		94
51) Ethyl methacrylate	10.40	69	813794	163.916 ug/l		94
52) 1,3-Dichloropropane	10.68	76	877899	154.905 ug/l		98
53) Dibromochloromethane	10.87	129	642232	160.674 ug/l		99
54) 1,2-Dibromoethane	10.98	107	541963	157.145 ug/l		99
55) 2-Chloroethyl vinyl ether	9.66	63	2047386	792.131 ug/l		99
56) Bromoform	12.10	173	463108	162.196 ug/l	#	96
58) 4-Methyl-2-Pentanone	9.95	43	3667820	813.432 ug/l		99
59) 2-Hexanone	10.72	43	2752665	811.028 ug/l		99
61) Tetrachloroethene	10.60	164	521625	147.125 ug/l		97
62) Toluene	10.12	91	2236085	152.849 ug/l		99
64) Chlorobenzene	11.41	112	1386679	153.536 ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.48	131	548121	151.186 ug/l		95
66) Ethyl Benzene	11.48	91	2519007	149.573 ug/l		95
67) m/p-Xylenes	11.60	106	1897335	306.208 ug/l		92
68) o-Xylene	11.92	106	923860	153.422 ug/l		96
69) Styrene	11.94	104	1592767	158.350 ug/l		97
70) Isopropylbenzene	12.22	105	2424803	151.698 ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.48	83	701059	160.085 ug/l		99
72) 1,2,3-Trichloropropane	12.53	75	695388m	150.967 ug/l		
73) Bromobenzene	12.50	156	605914	155.587 ug/l		97
74) n-propylbenzene	12.57	91	2793611	153.053 ug/l		99
75) 2-Chlorotoluene	12.65	91	1729638	152.023 ug/l		97
76) 1,3,5-Trimethylbenzene	12.71	105	2091974	154.527 ug/l		97
77) t-1,4-Dichloro-2-butene	12.27	75	295227	167.508 ug/l		95
78) 4-Chlorotoluene	12.75	91	1839033	155.876 ug/l		99
79) tert-butylbenzene	12.97	119	1701134	154.380 ug/l		96
80) 1,2,4-Trimethylbenzene	13.01	105	2102002	152.853 ug/l		98
81) sec-Butylbenzene	13.14	105	2181767	152.697 ug/l		99
82) p-Isopropyltoluene	13.26	119	2036849	155.329 ug/l		98
83) 1,3-Dichlorobenzene	13.26	146	1093400	160.227 ug/l		97
84) 1,4-Dichlorobenzene	13.34	146	1089552	157.263 ug/l		98
85) n-Butylbenzene	13.59	91	1785823	155.796 ug/l		98
86) Hexachloroethane	13.85	117	399524	175.980 ug/l		100
87) 1,2-Dichlorobenzene	13.63	146	1055455	157.877 ug/l		100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	185313	173.051 ug/l		95
89) 1,2,4-Trichlorobenzene	14.88	180	627186	166.056 ug/l		99
90) Hexachlorobutadiene	14.98	225	308918	150.089 ug/l		95
91) Naphthalene	15.10	128	1938905	173.198 ug/l		99
92) 1,2,3-Trichlorobenzene	15.28	180	610406	168.293 ug/l		99

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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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