Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065394.D
Acq On : 6 Jan 2021 12:34
Operator : JC/MD
Sample : VN0106WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0106WBSD01

Manual Integrations APPROVED
MMDadoda
1/7/2021 4:31:44 PM

Quant Time: Jan 07 01:17:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 21 13:17:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.155	128	51612	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.550	114	280101	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.379	117	258232	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.991	65	104465	27.89	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.97%				
60) 4-Bromofluorobenzene	12.376	95	116550	28.38	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.60%				
63) Toluene-d8	10.058	98	337836	29.50	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.33%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.849	85	49576	18.17	ug/l		98
3) Chloromethane	2.055	50	61589	19.25	ug/l		99
4) Vinyl Chloride	2.180	62	66359	19.73	ug/l		100
5) Bromomethane	2.547	94	48150	19.83	ug/l		96
6) Chloroethane	2.692	64	41561	19.34	ug/l		100
7) Trichlorofluoromethane	3.004	101	87064	17.83	ug/l		98
8) Diethyl Ether	3.386	74	35767	20.09	ug/l		84
9) 1,1,2-Trichlorotrifluo...	3.724	101	51918	19.15	ug/l	#	46
10) 1,1-Dichloroethene	3.705	96	52158	18.97	ug/l		81
11) Methyl Iodide	3.917	142	78877	19.35	ug/l		85
12) Methyl Acetate	4.293	43	54705	19.18	ug/l		95
13) Acrolein	3.579	56	46408	119.29	ug/l		100
14) Acrylonitrile	4.946	53	124517	93.46	ug/l		99
15) Acetone	3.791	58	40749	96.59	ug/l	#	58
16) Carbon Disulfide	4.013	76	135811	17.11	ug/l		98
17) Allyl chloride	4.280	41	81973	16.88	ug/l		89
18) Methylene Chloride	4.512	84	59426	18.87	ug/l		92
19) trans-1,2-Dichloroethene	4.994	96	54662	18.10	ug/l		89
20) Diisopropyl ether	5.913	45	173621	17.84	ug/l		93
21) 1,1-Dichloroethane	5.801	63	99508	18.21	ug/l		96
22) cis-1,2-Dichloroethene	6.785	96	64714	18.64	ug/l		83
23) tert-Butyl Alcohol	4.775	59	44375m	78.51	ug/l		
24) Methyl tert-Butyl Ether	5.007	73	165855	17.28	ug/l	#	81
25) Chloroform	7.331	83	103006	18.27	ug/l		100
26) Cyclohexane	7.614	56	82812	17.15	ug/l	#	92
29) 1,1-Dichloropropene	7.753	75	75686	18.29	ug/l		96
30) 2-Butanone	6.801	43	163391	86.60	ug/l	#	76
31) 2,2-Dichloropropane	6.782	77	82966	16.36	ug/l		95
32) 1,1,1-Trichloroethane	7.531	97	85962	17.25	ug/l		95
33) Carbon Tetrachloride	7.733	117	73306	16.72	ug/l		98
34) Benzene	8.003	78	233601	19.15	ug/l		94
35) Methacrylonitrile	7.132	41	29873	17.15	ug/l		89
36) 1,2-Dichloroethane	8.087	62	81172	17.97	ug/l	#	92
37) Trichloroethene	8.801	130	67646	19.37	ug/l		89
38) Methylcyclohexane	9.045	83	88845	17.50	ug/l		92
39) 1,2-Dichloropropane	9.084	63	61476	19.30	ug/l		100
40) Dibromomethane	9.174	93	40824	19.02	ug/l		80
41) Bromodichloromethane	9.370	83	79373	17.39	ug/l		97
42) Vinyl Acetate	5.856	43	712180	87.17	ug/l		96

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Quant Time: Jan 07 01:17:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 21 13:17:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	6.894	43	67792	18.30	ug/l		99
44) Isopropyl Acetate	8.132	43	114917	16.45	ug/l	#	89
45) 1,4-Dioxane	9.171	88	19318	366.03	ug/l		95
46) Methyl methacrylate	9.167	41	54492	16.43	ug/l		83
47) n-amyl Acetate	12.045	43	94608	16.14	ug/l		98
48) t-1,3-Dichloropropene	10.351	75	87753	17.10	ug/l		97
49) cis-1,3-Dichloropropene	9.807	75	95814	17.67	ug/l	#	87
50) 1,1,2-Trichloroethane	10.531	97	59546	19.70	ug/l		96
51) Ethyl methacrylate	10.399	69	82858	17.55	ug/l		85
52) 1,3-Dichloropropane	10.679	76	98762	19.59	ug/l		99
53) Dibromochloromethane	10.871	129	63873	17.69	ug/l		99
54) 1,2-Dibromoethane	10.978	107	62658	19.37	ug/l		98
55) 2-Chloroethyl vinyl ether	9.662	63	168599	72.13	ug/l		96
56) Bromoform	12.100	173	47534	17.01	ug/l	#	97
58) 4-Methyl-2-Pentanone	9.952	43	339892	86.13	ug/l	#	92
59) 2-Hexanone	10.724	43	240531	82.72	ug/l		89
61) Tetrachloroethene	10.601	164	79835	20.60	ug/l		88
62) Toluene	10.122	91	258096	18.80	ug/l		99
64) Chlorobenzene	11.405	112	162850	19.24	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.479	131	60952	18.20	ug/l		99
66) Ethyl Benzene	11.482	91	279622	18.25	ug/l		97
67) m/p-Xylenes	11.592	106	214750	37.14	ug/l		94
68) o-Xylene	11.920	106	104996	18.80	ug/l		94
69) Styrene	11.936	104	173423	18.48	ug/l		94
70) Isopropylbenzene	12.222	105	274437	18.41	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.479	83	76404	18.92	ug/l		97
72) 1,2,3-Trichloropropane	12.527	75	80920m	19.69	ug/l		
73) Bromobenzene	12.498	156	75427	19.41	ug/l		74
74) n-propylbenzene	12.563	91	306468	18.10	ug/l		95
75) 2-Chlorotoluene	12.646	91	184416	18.41	ug/l		91
76) 1,3,5-Trimethylbenzene	12.707	105	233110	18.33	ug/l		94
77) t-1,4-Dichloro-2-butene	12.273	75	25132	15.56	ug/l		93
78) 4-Chlorotoluene	12.746	91	184122	18.13	ug/l		92
79) tert-butylbenzene	12.968	119	196778	18.14	ug/l		90
80) 1,2,4-Trimethylbenzene	13.013	105	229593	18.25	ug/l		96
81) sec-Butylbenzene	13.145	105	254767	17.89	ug/l		96
82) p-Isopropyltoluene	13.264	119	235023	17.88	ug/l		96
83) 1,3-Dichlorobenzene	13.257	146	121494	18.87	ug/l		95
84) 1,4-Dichlorobenzene	13.338	146	116671	18.18	ug/l		94
85) n-Butylbenzene	13.588	91	187841	16.69	ug/l		95
86) Hexachloroethane	13.846	117	37047	15.52	ug/l		59
87) 1,2-Dichlorobenzene	13.627	146	122867	19.69	ug/l		93
88) 1,2-Dibromo-3-Chloropr...	14.244	75	13811	16.36	ug/l	#	68
89) 1,2,4-Trichlorobenzene	14.881	180	57316m	17.12	ug/l		
90) Hexachlorobutadiene	14.981	225	43114	19.45	ug/l		97
91) Naphthalene	15.103	128	144541	16.15	ug/l		99
92) 1,2,3-Trichlorobenzene	15.283	180	57192	18.19	ug/l		96

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

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