Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
Data File : VN067070.D
Acq On : 10 May 2021 14:38
Operator : JC/MD
Sample : VN0510WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 01:46:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD01

Manual Integrations APPROVED
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5/11/2021 10:37:14 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.573	168	298587	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	8.509	114	496531	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.350	117	442241	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	203987	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.938	65	239047	50.86	ug/l		-0.02
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.72%				
35) Dibromofluoromethane	7.501	113	165064	48.96	ug/l		-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.92%				
50) Toluene-d8	10.025	98	614623	47.87	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.74%				
62) 4-Bromofluorobenzene	12.347	95	210801	48.49	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.818	85	70590	17.50	ug/l		98
3) Chloromethane	2.019	50	94376	16.31	ug/l		96
4) Vinyl Chloride	2.153	62	92234	16.60	ug/l		99
5) Bromomethane	2.467	94	41528	14.05	ug/l		98
6) Chloroethane	2.572	64	32516	9.93	ug/l		92
7) Trichlorofluoromethane	2.904	101	119503	18.12	ug/l		94
8) Diethyl Ether	3.336	74	42425	17.91	ug/l		86
9) 1,1,2-Trichlorotrifluo...	3.655	101	63619	18.97	ug/l		94
10) Methyl Iodide	3.851	142	57300	12.96	ug/l	#	77
11) Tert butyl alcohol	4.776	59	58510m	88.18	ug/l		
12) 1,1-Dichloroethene	3.634	96	57266	17.54	ug/l		84
13) Acrolein	3.529	56	56367	102.10	ug/l		97
14) Allyl chloride	4.216	41	114618	17.51	ug/l		95
15) Acrylonitrile	4.878	53	176960	89.86	ug/l		98
16) Acetone	3.749	43	146451	88.58	ug/l		94
17) Carbon Disulfide	3.947	76	175411	17.34	ug/l		99
18) Methyl Acetate	4.234	43	98181	20.76	ug/l	#	69
19) Methyl tert-butyl Ether	4.940	73	221842	18.96	ug/l		96
20) Methylene Chloride	4.444	84	76996	18.36	ug/l		94
21) trans-1,2-Dichloroethene	4.921	96	62059	17.48	ug/l	#	80
22) Diisopropyl ether	5.846	45	243118	18.35	ug/l	#	84
23) Vinyl Acetate	5.787	43	921502	86.88	ug/l		96
24) 1,1-Dichloroethane	5.731	63	140927	18.40	ug/l		97
25) 2-Butanone	6.739	43	192329	78.90	ug/l		97
26) 2,2-Dichloropropane	6.712	77	119202	18.54	ug/l		97
27) cis-1,2-Dichloroethene	6.721	96	74490	18.31	ug/l		87
28) Bromochloromethane	7.093	49	61705	17.43	ug/l		83
29) Tetrahydrofuran	7.123	42	139943	86.52	ug/l		97
30) Chloroform	7.278	83	135218	18.50	ug/l		96
31) Cyclohexane	7.560	56	112704	17.05	ug/l		91
32) 1,1,1-Trichloroethane	7.471	97	117700	18.67	ug/l		98
36) 1,1-Dichloropropene	7.702	75	90201	17.44	ug/l		96
37) Ethyl Acetate	6.828	43	118909m	22.56	ug/l		
38) Carbon Tetrachloride	7.681	117	100956	18.72	ug/l		96
39) Methylcyclohexane	9.006	83	96184	16.68	ug/l		91
40) Benzene	7.954	78	295447	18.20	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.093	41	42177m	18.62	ug/l		
42) 1,2-Dichloroethane	8.043	62	113232	19.55	ug/l		97
43) Isopropyl Acetate	8.088	43	152922	17.87	ug/l	#	83
44) Trichloroethene	8.759	130	65322	18.26	ug/l		100
45) 1,2-Dichloropropane	9.043	63	82386	18.17	ug/l		97
46) Dibromomethane	9.134	93	47006	17.57	ug/l		93
47) Bromodichloromethane	9.330	83	107244	18.54	ug/l		97
48) Methyl methacrylate	9.137	41	58584	15.45	ug/l		96
49) 1,4-Dioxane	9.145	88	19269	320.61	ug/l	#	83
51) 4-Methyl-2-Pentanone	9.923	43	421092	85.13	ug/l		97
52) Toluene	10.089	92	170035	17.82	ug/l		98
53) t-1,3-Dichloropropene	10.320	75	109206	17.71	ug/l		100
54) cis-1,3-Dichloropropene	9.770	75	122679	18.02	ug/l		99
55) 1,1,2-Trichloroethane	10.502	97	71551	18.90	ug/l		96
56) Ethyl methacrylate	10.373	69	83286	17.72	ug/l		99
57) 1,3-Dichloropropane	10.647	76	118002	17.59	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.630	63	130499	143.95	ug/l		93
59) 2-Hexanone	10.701	43	198803	77.13	ug/l		96
60) Dibromochloromethane	10.840	129	76700	18.09	ug/l		100
61) 1,2-Dibromoethane	10.945	107	63780	17.29	ug/l		98
64) Tetrachloroethene	10.566	164	54207	17.93	ug/l		95
65) Chlorobenzene	11.374	112	173476	18.33	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.449	131	72159	19.66	ug/l		99
67) Ethyl Benzene	11.454	91	292330	17.54	ug/l		99
68) m/p-Xylenes	11.564	106	215998	34.82	ug/l		94
69) o-Xylene	11.891	106	104725	17.44	ug/l		93
70) Styrene	11.913	104	159419	18.19	ug/l		95
71) Bromoform	12.076	173	48674	18.35	ug/l	#	99
73) Isopropylbenzene	12.194	105	269308	17.02	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.449	83	107595	19.40	ug/l		99
76) 1,2,3-Trichloropropane	12.500	75	91577m	18.85	ug/l		
77) Bromobenzene	12.473	156	69177	18.53	ug/l		82
78) n-propylbenzene	12.535	91	313534	17.45	ug/l		97
79) 2-Chlorotoluene	12.618	91	207867	17.67	ug/l		94
80) 1,3,5-Trimethylbenzene	12.677	105	245887	17.81	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.259	75	20218	17.13	ug/l		97
82) 4-Chlorotoluene	12.720	91	206740	18.26	ug/l		95
83) tert-Butylbenzene	12.937	119	202177	17.45	ug/l		96
84) 1,2,4-Trimethylbenzene	12.986	105	230451	17.48	ug/l		99
85) sec-Butylbenzene	13.114	105	259650	17.26	ug/l		98
86) p-Isopropyltoluene	13.235	119	218243	16.88	ug/l		98
87) 1,3-Dichlorobenzene	13.230	146	118638	18.32	ug/l		97
88) 1,4-Dichlorobenzene	13.310	146	121302	18.63	ug/l		96
89) n-Butylbenzene	13.565	91	168601	18.26	ug/l		96
90) Hexachloroethane	13.814	117	53532	18.40	ug/l		99
91) 1,2-Dichlorobenzene	13.602	146	124638	19.24	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.225	75	16827	17.12	ug/l		77
93) 1,2,4-Trichlorobenzene	14.860	180	57998	16.92	ug/l		98
94) Hexachlorobutadiene	14.951	225	43155	20.57	ug/l		97
95) Naphthalene	15.080	128	153986	17.19	ug/l		98
96) 1,2,3-Trichlorobenzene	15.257	180	60874	18.33	ug/l		100

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

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