Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066935.D
Acq On : 4 May 2021 15:04
Operator : JC/MD
Sample : VN0504WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Manual Integrations APPROVED
MMDadoda
5/5/2021 5:33:01 PM

Quant Time: May 05 05:23:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.587	168	509335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	857348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	773672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	335462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	383505	47.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.68%			
35) Dibromofluoromethane	7.512	113	283153	48.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.28%			
50) Toluene-d8	10.028	98	1089257	49.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.26%			
62) 4-Bromofluorobenzene	12.347	95	363884	48.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	128061	18.62	ug/l	99
3) Chloromethane	2.035	50	191228	19.37	ug/l	100
4) Vinyl Chloride	2.161	62	179152	18.91	ug/l	99
5) Bromomethane	2.529	94	99148	19.67	ug/l	99
6) Chloroethane	2.666	64	102917	18.42	ug/l	97
7) Trichlorofluoromethane	2.974	101	204832	18.21	ug/l	98
8) Diethyl Ether	3.355	74	76213	18.86	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.695	101	104057	18.19	ug/l	93
10) Methyl Iodide	3.883	142	129113	17.12	ug/l	91
11) Tert butyl alcohol	4.701	59	115085	101.67	ug/l	98
12) 1,1-Dichloroethene	3.674	96	99556	17.88	ug/l #	82
13) Acrolein	3.545	56	81997	87.07	ug/l	98
14) Allyl chloride	4.248	41	204417	18.31	ug/l	91
15) Acrylonitrile	4.894	53	318840	94.91	ug/l	98
16) Acetone	3.754	43	262974	93.24	ug/l	99
17) Carbon Disulfide	3.982	76	308696	17.89	ug/l	99
18) Methyl Acetate	4.253	43	159177	19.73	ug/l	95
19) Methyl tert-butyl Ether	4.956	73	370437	18.56	ug/l	97
20) Methylene Chloride	4.468	84	132711	18.55	ug/l	91
21) trans-1,2-Dichloroethene	4.953	96	110180	18.19	ug/l	90
22) Diisopropyl ether	5.862	45	414914	18.36	ug/l	88
23) Vinyl Acetate	5.806	43	1687145	93.25	ug/l	97
24) 1,1-Dichloroethane	5.755	63	237016	18.14	ug/l	96
25) 2-Butanone	6.747	43	389108	93.57	ug/l	93
26) 2,2-Dichloropropane	6.734	77	200286	18.26	ug/l	94
27) cis-1,2-Dichloroethene	6.737	96	126314	18.20	ug/l	86
28) Bromochloromethane	7.110	49	107016	17.72	ug/l #	80
29) Tetrahydrofuran	7.131	42	266961	96.76	ug/l	96
30) Chloroform	7.289	83	223704	17.94	ug/l	99
31) Cyclohexane	7.574	56	201044	17.82	ug/l	94
32) 1,1,1-Trichloroethane	7.490	97	195851	18.21	ug/l	97
36) 1,1-Dichloropropene	7.713	75	160080	17.93	ug/l	97
37) Ethyl Acetate	6.847	43	173986	19.12	ug/l	96
38) Carbon Tetrachloride	7.697	117	166732	17.91	ug/l	98
39) Methylcyclohexane	9.016	83	184521	18.54	ug/l	92
40) Benzene	7.968	78	512160	18.27	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.099	41	76670m	19.61	ug/l		
42) 1,2-Dichloroethane	8.051	62	184932	18.49	ug/l		97
43) Isopropyl Acetate	8.094	43	274196	18.56	ug/l	#	89
44) Trichloroethene	8.770	130	110199	17.84	ug/l		93
45) 1,2-Dichloropropane	9.051	63	140871	17.99	ug/l		98
46) Dibromomethane	9.142	93	84612	18.32	ug/l		90
47) Bromodichloromethane	9.338	83	178564	17.88	ug/l		95
48) Methyl methacrylate	9.137	41	120034	18.33	ug/l		97
49) 1,4-Dioxane	9.134	88	42171	406.37	ug/l		94
51) 4-Methyl-2-Pentanone	9.923	43	811990	95.07	ug/l		97
52) Toluene	10.095	92	301551	18.30	ug/l		98
53) t-1,3-Dichloropropene	10.323	75	189405	17.79	ug/l		98
54) cis-1,3-Dichloropropene	9.778	75	210238	17.88	ug/l		99
55) 1,1,2-Trichloroethane	10.502	97	119515	18.29	ug/l		97
56) Ethyl methacrylate	10.373	69	160325	19.15	ug/l		96
57) 1,3-Dichloropropane	10.647	76	209414	18.08	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.633	63	137838	88.05	ug/l		93
59) 2-Hexanone	10.695	43	489132	97.86	ug/l		98
60) Dibromochloromethane	10.843	129	131525	17.97	ug/l		100
61) 1,2-Dibromoethane	10.947	107	113159	17.77	ug/l		100
64) Tetrachloroethene	10.572	164	96135	18.18	ug/l		95
65) Chlorobenzene	11.377	112	304001	18.36	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.452	131	116372	18.12	ug/l		98
67) Ethyl Benzene	11.454	91	535455	18.36	ug/l		98
68) m/p-Xylenes	11.567	106	396910	36.57	ug/l		92
69) o-Xylene	11.894	106	191748	18.25	ug/l		92
70) Styrene	11.913	104	294568	18.95	ug/l		96
71) Bromoform	12.074	173	84607	18.23	ug/l	#	99
73) Isopropylbenzene	12.195	105	504810	19.40	ug/l		99
74) N-amyl acetate	12.055	43	13679m	2.91	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.449	83	184988	20.28	ug/l		99
76) 1,2,3-Trichloropropane	12.500	75	170776m	21.37	ug/l		
77) Bromobenzene	12.471	156	121237	19.75	ug/l		86
78) n-propylbenzene	12.538	91	592587	20.06	ug/l		96
79) 2-Chlorotoluene	12.621	91	374591	19.36	ug/l		94
80) 1,3,5-Trimethylbenzene	12.680	105	448387	19.75	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.254	75	35915	18.06	ug/l		96
82) 4-Chlorotoluene	12.720	91	351347	18.87	ug/l		95
83) tert-Butylbenzene	12.937	119	371431	19.50	ug/l		97
84) 1,2,4-Trimethylbenzene	12.986	105	416004	19.19	ug/l		99
85) sec-Butylbenzene	13.117	105	470359	19.01	ug/l		98
86) p-Isopropyltoluene	13.235	119	403517	18.98	ug/l		97
87) 1,3-Dichlorobenzene	13.230	146	203927	19.15	ug/l		96
88) 1,4-Dichlorobenzene	13.310	146	188710	17.62	ug/l		93
89) n-Butylbenzene	13.565	91	318432	20.19	ug/l		97
90) Hexachloroethane	13.817	117	86975	18.17	ug/l		100
91) 1,2-Dichlorobenzene	13.603	146	212406	19.94	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.222	75	30625	18.95	ug/l		76
93) 1,2,4-Trichlorobenzene	14.858	180	110013	19.52	ug/l		99
94) Hexachlorobutadiene	14.949	225	67553	19.58	ug/l		100
95) Naphthalene	15.078	128	326805	22.18	ug/l		99
96) 1,2,3-Trichlorobenzene	15.255	180	110861	20.30	ug/l		99

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

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