Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
Data File : VN066496.D
Acq On : 6 Apr 2021 17:04
Operator : JC/MD
Sample : VN0406WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Manual Integrations APPROVED
SAM
4/7/2021 5:47:59 PM

Quant Time: Apr 07 04:46:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.582	168	303909	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.513	114	460722	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	429579	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	193546	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.947	65	190749	47.66	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.32%				
35) Dibromofluoromethane	7.504	113	151299	48.18	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.36%				
50) Toluene-d8	10.025	98	576533	48.32	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.64%				
62) 4-Bromofluorobenzene	12.345	95	179280	46.34	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.816	85	63682	18.54	ug/l		98
3) Chloromethane	2.017	50	78905	17.55	ug/l		98
4) Vinyl Chloride	2.143	62	90632	17.91	ug/l		97
5) Bromomethane	2.505	94	65574	17.79	ug/l		94
6) Chloroethane	2.644	64	59672	18.00	ug/l		98
7) Trichlorofluoromethane	2.955	101	122457	18.41	ug/l		100
8) Diethyl Ether	3.336	74	34012	18.71	ug/l		97
9) 1,1,2-Trichlorotrifluo...	3.677	101	53418	18.87	ug/l	#	90
10) Methyl Iodide	3.865	142	72755	17.61	ug/l		99
11) Tert butyl alcohol	4.680	59	55004	85.17	ug/l	#	83
12) 1,1-Dichloroethene	3.655	96	49315	17.46	ug/l		94
13) Acrolein	3.527	56	27500	81.09	ug/l		99
14) Allyl chloride	4.229	41	84535	17.72	ug/l	#	94
15) Acrylonitrile	4.870	53	159353	87.06	ug/l		99
16) Acetone	3.733	43	142856	85.16	ug/l		99
17) Carbon Disulfide	3.967	76	151843	16.65	ug/l		99
18) Methyl Acetate	4.235	43	69415	16.54	ug/l	#	76
19) Methyl tert-butyl Ether	4.932	73	181134	18.24	ug/l		99
20) Methylene Chloride	4.449	84	62949	17.48	ug/l		96
21) trans-1,2-Dichloroethene	4.932	96	58553	17.90	ug/l		93
22) Diisopropyl ether	5.847	45	195283	18.09	ug/l		94
23) Vinyl Acetate	5.790	43	842066	89.40	ug/l		99
24) 1,1-Dichloroethane	5.745	63	112332	18.32	ug/l		100
25) 2-Butanone	6.734	43	217735	86.51	ug/l		97
26) 2,2-Dichloropropane	6.724	77	96459	18.45	ug/l		99
27) cis-1,2-Dichloroethene	6.724	96	65959	17.59	ug/l		98
28) Bromochloromethane	7.096	49	52409	16.50	ug/l		98
29) Tetrahydrofuran	7.118	42	148639	88.01	ug/l		98
30) Chloroform	7.284	83	111378	18.02	ug/l		99
31) Cyclohexane	7.568	56	98511	17.90	ug/l		96
32) 1,1,1-Trichloroethane	7.483	97	97430	18.22	ug/l		99
36) 1,1-Dichloropropene	7.708	75	81439	18.19	ug/l		100
37) Ethyl Acetate	6.828	43	90611	16.35	ug/l		100
38) Carbon Tetrachloride	7.692	117	83284	18.36	ug/l		97
39) Methylcyclohexane	9.011	83	92129	17.99	ug/l		98
40) Benzene	7.960	78	256039	18.26	ug/l		99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.094	41	47832m	17.85 ug/l		
42) 1,2-Dichloroethane	8.043	62	86659	17.69 ug/l		98
43) Isopropyl Acetate	8.086	43	144989	16.90 ug/l	#	90
44) Trichloroethene	8.765	130	64036	17.74 ug/l		99
45) 1,2-Dichloropropane	9.046	63	68771	18.42 ug/l		96
46) Dibromomethane	9.140	93	43736	17.96 ug/l		98
47) Bromodichloromethane	9.336	83	89656	17.95 ug/l		98
48) Methyl methacrylate	9.132	41	64442	16.92 ug/l		95
49) 1,4-Dioxane	9.129	88	18504	358.07 ug/l		98
51) 4-Methyl-2-Pentanone	9.918	43	452577	88.80 ug/l		100
52) Toluene	10.092	92	156476	18.42 ug/l		99
53) t-1,3-Dichloropropene	10.320	75	92610	17.79 ug/l		100
54) cis-1,3-Dichloropropene	9.773	75	102632	17.97 ug/l		100
55) 1,1,2-Trichloroethane	10.500	97	64552	18.48 ug/l		98
56) Ethyl methacrylate	10.368	69	82784	17.26 ug/l		95
57) 1,3-Dichloropropane	10.645	76	105198	18.30 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.628	63	50231	88.61 ug/l		99
59) 2-Hexanone	10.693	43	292034	83.31 ug/l		99
60) Dibromochloromethane	10.843	129	69559	17.99 ug/l		100
61) 1,2-Dibromoethane	10.942	107	63145	17.49 ug/l		98
64) Tetrachloroethene	10.572	164	67852	18.80 ug/l		96
65) Chlorobenzene	11.374	112	162071	18.10 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.449	131	62332	18.36 ug/l		99
67) Ethyl Benzene	11.452	91	279845	18.15 ug/l		99
68) m/p-Xylenes	11.562	106	210176	36.57 ug/l		99
69) o-Xylene	11.889	106	101130	18.09 ug/l		100
70) Styrene	11.908	104	156918	17.20 ug/l		99
71) Bromoform	12.072	173	48640	17.77 ug/l	#	98
73) Isopropylbenzene	12.192	105	264358	18.81 ug/l		100
74) N-amyl acetate	12.026	43	29920	17.42 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.447	83	89672	17.13 ug/l		99
76) 1,2,3-Trichloropropane	12.498	75	80365m	18.41 ug/l		
77) Bromobenzene	12.468	156	67902	18.24 ug/l		99
78) n-propylbenzene	12.535	91	298399	18.95 ug/l		99
79) 2-Chlorotoluene	12.619	91	179371	18.75 ug/l		100
80) 1,3,5-Trimethylbenzene	12.678	105	225189	19.34 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.249	75	23122	18.88 ug/l		90
82) 4-Chlorotoluene	12.718	91	179598	19.01 ug/l		99
83) tert-Butylbenzene	12.935	119	184724	17.54 ug/l		98
84) 1,2,4-Trimethylbenzene	12.983	105	205747	18.25 ug/l		100
85) sec-Butylbenzene	13.115	105	241443	18.35 ug/l		100
86) p-Isopropyltoluene	13.233	119	208807	18.49 ug/l		99
87) 1,3-Dichlorobenzene	13.227	146	113271	17.73 ug/l		100
88) 1,4-Dichlorobenzene	13.308	146	114549	18.17 ug/l		99
89) n-Butylbenzene	13.560	91	166776	16.43 ug/l		96
90) Hexachloroethane	13.815	117	41490	17.59 ug/l		97
91) 1,2-Dichlorobenzene	13.598	146	113665	17.99 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.233	75	16090	16.57 ug/l		91
93) 1,2,4-Trichlorobenzene	14.981	180	62177	17.35 ug/l		98
94) Hexachlorobutadiene	15.107	225	37870	17.23 ug/l		98
95) Naphthalene	15.263	128	170261	16.40 ug/l		99
96) 1,2,3-Trichlorobenzene	15.502	180	60604	16.94 ug/l		97

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

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