Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120214.D
Acq On : 27 Apr 2020 13:07
Operator : MA/SJ
Sample : L2407-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:28 PM

Quant Time: Apr 27 13:38:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	151204	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	581997	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	287718	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	569170	20.00	ng		0.00
76) Chrysene-d12	13.83	240	383218	20.00	ng		0.00
87) Perylene-d12	15.24	264	338844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	731022	83.55	ng		0.00
7) Phenol-d6	6.32	99	959102	85.07	ng		0.00
23) Nitrobenzene-d5	7.23	82	613993	54.58	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	267989	76.08	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1206613	59.54	ng		0.00
79) Terphenyl-d14	12.78	244	1365238	59.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	178972	45.926	ng		99
3) Pyridine	3.03	79	500182	46.782	ng		95
4) n-Nitrosodimethylamine	3.00	42	288021	52.724	ng		97
6) Aniline	6.33	93	603839	40.808	ng	#	60
8) 2-Chlorophenol	6.46	128	558385	57.119	ng		100
9) Benzaldehyde	6.21	77	216809	33.353	ng		95
10) Phenol	6.34	94	711157	55.602	ng		97
11) bis(2-Chloroethyl)ether	6.41	93	531584	53.828	ng		96
12) 1,3-Dichlorobenzene	6.60	146	561374	52.452	ng		97
13) 1,4-Dichlorobenzene	6.68	146	568305	52.127	ng		98
14) 1,2-Dichlorobenzene	6.84	146	537892	53.535	ng		98
15) Benzyl Alcohol	6.82	79	455932	52.068	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	880110	45.798	ng		61
17) 2-Methylphenol	6.95	107	441246	50.578	ng	#	90
18) Hexachloroethane	7.17	117	218549	53.639	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	380670	52.509	ng		99
20) 3+4-Methylphenols	7.10	107	574336	53.828	ng	#	84
22) Acetophenone	7.08	105	751931	55.173	ng	#	99
24) Nitrobenzene	7.26	77	583906	51.596	ng		98
25) Isophorone	7.50	82	1071324	49.401	ng		99
26) 2-Nitrophenol	7.57	139	307941	54.465	ng		90
27) 2,4-Dimethylphenol	7.62	122	466117	54.662	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	663162	51.967	ng		99
29) 2,4-Dichlorophenol	7.82	162	458159	52.417	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	494369	49.917	ng		98
31) Naphthalene	7.97	128	1580076	51.602	ng		98
32) Benzoic acid	7.79	122	348373	46.518	ng		93
33) 4-Chloroaniline	8.03	127	359170	26.944	ng		98
34) Hexachlorobutadiene	8.09	225	285101	48.090	ng		98
35) Caprolactam	8.42	113	140820m	52.668	ng		
36) 4-Chloro-3-methylphenol	8.53	107	495841	52.397	ng		98
37) 2-Methylnaphthalene	8.67	142	1067005	51.398	ng		98
38) 1-Methylnaphthalene	8.77	142	1002395	51.229	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	466636	51.350	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	464003	89.794	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	328051	52.277	ng		97
44) 2,4,5-Trichlorophenol	9.00	196	346092	48.968	ng		95
46) 1,1'-Biphenyl	9.13	154	1269736	52.285	ng		98
47) 2-Chloronaphthalene	9.16	162	966524	51.664	ng		99
48) 2-Nitroaniline	9.26	65	351673	51.873	ng		94
49) Acenaphthylene	9.57	152	1519659	53.413	ng		98
50) Dimethylphthalate	9.45	163	1314938	59.086	ng		100
51) 2,6-Dinitrotoluene	9.50	165	250362	51.373	ng		89
52) Acenaphthene	9.75	154	908486	47.868	ng		99
53) 3-Nitroaniline	9.67	138	179922	32.326	ng		91
54) 2,4-Dinitrophenol	9.79	184	270603	92.745	ng		97
55) Dibenzofuran	9.92	168	1372580	52.703	ng		100
56) 4-Nitrophenol	9.87	139	351801	84.950	ng		96
57) 2,4-Dinitrotoluene	9.92	165	333633	51.962	ng	#	91
58) Fluorene	10.26	166	984902	47.287	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	282559	52.272	ng		98
60) Diethylphthalate	10.15	149	1084134	47.003	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	472463	44.258	ng		98
62) 4-Nitroaniline	10.30	138	246683	46.506	ng		96
63) Azobenzene	10.42	77	1133334	54.828	ng		95
65) 4,6-Dinitro-2-methylphenol	10.33	198	174190	46.454	ng		93
66) n-Nitrosodiphenylamine	10.37	169	1005066	53.097	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	320854	45.330	ng		98
68) Hexachlorobenzene	10.81	284	343844	47.885	ng		92
69) Atrazine	10.91	200	272459	51.733	ng		98
70) Pentachlorophenol	11.01	266	318849	77.054	ng		98
71) Phenanthrene	11.22	178	1600210	52.826	ng		98
72) Anthracene	11.27	178	1666308	53.848	ng		98
73) Carbazole	11.43	167	1494755	51.079	ng		98
74) Di-n-butylphthalate	11.76	149	1856646	48.262	ng		99
75) Fluoranthene	12.41	202	1562847	47.816	ng		97
77) Benzidine	12.53	184	928164	71.651	ng		98
78) Pyrene	12.64	202	1771369	54.831	ng		98
80) Butylbenzylphthalate	13.26	149	784198	50.025	ng		97
81) Benzo(a)anthracene	13.83	228	1318735	52.309	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	403334	42.878	ng		98
83) Chrysene	13.86	228	1373957	53.636	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1045812	49.265	ng		99
85) Di-n-octyl phthalate	14.43	149	1708437	47.266	ng		98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1220478	54.050	ng		99
88) Benzo(b)fluoranthene	14.84	252	1223406	50.190	ng		98
89) Benzo(k)fluoranthene	14.87	252	1162287	55.264	ng		99
90) Benzo(a)pyrene	15.19	252	1084305	52.906	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	996417	54.886	ng		98
92) Benzo(g,h,i)perylene	17.02	276	979678	54.669	ng		98

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

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