Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120776.D
Acq On : 7 Jul 2020 9:48
Operator : JU/CG
Sample : PB129957BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129957BS

Quant Time: Jul 07 10:59:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138729	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	521665	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	252345	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	440149	20.00	ng		0.00
76) Chrysene-d12	14.01	240	335610	20.00	ng		0.00
86) Perylene-d12	15.47	264	275190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1046584	116.45	ng		0.01
7) Phenol-d6	6.47	99	1267381	110.43	ng		0.00
23) Nitrobenzene-d5	7.41	82	789205	87.65	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	320387	126.38	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1423579	85.35	ng		0.00
79) Terphenyl-d14	12.96	244	1473277	85.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	149236	36.352	ng		99
3) Pyridine	3.39	79	410527	36.508	ng		99
4) n-Nitrosodimethylamine	3.34	42	235568	41.876	ng		93
6) Aniline	6.51	93	510924	34.664	ng		100
8) 2-Chlorophenol	6.63	128	387551	40.504	ng		99
9) Benzaldehyde	6.40	77	137290	20.113	ng		99
10) Phenol	6.49	94	470578m	39.858	ng		
11) bis(2-Chloroethyl)ether	6.59	93	382263	39.789	ng		99
12) 1,3-Dichlorobenzene	6.79	146	415495	39.452	ng		99
13) 1,4-Dichlorobenzene	6.87	146	420569	39.870	ng		99
14) 1,2-Dichlorobenzene	7.02	146	397327	39.591	ng		99
15) Benzyl Alcohol	6.99	79	334586	38.801	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	578262	38.589	ng		100
17) 2-Methylphenol	7.10	107	313245	36.595	ng		99
18) Hexachloroethane	7.36	117	164366	41.457	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	274325	39.698	ng		99
20) 3+4-Methylphenols	7.25	107	396292	37.590	ng		91
22) Acetophenone	7.26	105	537499	41.452	ng	#	93
24) Nitrobenzene	7.43	77	423826	41.923	ng		98
25) Isophorone	7.67	82	749515	38.600	ng		96
26) 2-Nitrophenol	7.75	139	163607	39.281	ng		99
27) 2,4-Dimethylphenol	7.78	122	326373	42.105	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	468703	40.784	ng		99
29) 2,4-Dichlorophenol	7.99	162	306297	39.583	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	341361	39.276	ng		98
31) Naphthalene	8.16	128	1122523	40.264	ng		100
32) Benzoic acid	7.89	122	188672	35.618	ng		97
33) 4-Chloroaniline	8.20	127	288315	24.371	ng		95
34) Hexachlorobutadiene	8.27	225	204072	39.040	ng		98
35) Caprolactam	8.56	113	88093m	39.070	ng		
36) 4-Chloro-3-methylphenol	8.67	107	322427	40.056	ng		100
37) 2-Methylnaphthalene	8.85	142	733801	40.489	ng		99
38) 1-Methylnaphthalene	8.95	142	697099	41.064	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	314259	41.206	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	408577	90.674	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	207724	39.972	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	221834	38.464	ng		97
46) 1,1'-Biphenyl	9.31	154	858774	42.190	ng		99
47) 2-Chloronaphthalene	9.33	162	668158	40.974	ng		100
48) 2-Nitroaniline	9.43	65	205201	42.352	ng		99
49) Acenaphthylene	9.75	152	1035724	40.512	ng		99
50) Dimethylphthalate	9.61	163	738703	40.129	ng		100
51) 2,6-Dinitrotoluene	9.67	165	149378	41.171	ng		97
52) Acenaphthene	9.92	154	691786	43.617	ng		98
53) 3-Nitroaniline	9.83	138	116396	26.935	ng		99
54) 2,4-Dinitrophenol	9.94	184	99194	70.239	ng	#	90
55) Dibenzofuran	10.09	168	931668	40.751	ng		99
56) 4-Nitrophenol	9.99	139	268652	79.590	ng		99
57) 2,4-Dinitrotoluene	10.07	165	195598	43.247	ng		98
58) Fluorene	10.43	166	726744	42.707	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178106m	41.500	ng		
60) Diethylphthalate	10.31	149	762054	39.740	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	347749	40.651	ng		99
62) 4-Nitroaniline	10.45	138	164673	42.103	ng		97
63) Azobenzene	10.59	77	814170	41.505	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	69261	38.965	ng		98
66) n-Nitrosodiphenylamine	10.55	169	630585	42.744	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	200818	39.332	ng	#	89
68) Hexachlorobenzene	10.98	284	222441	41.518	ng		99
69) Atrazine	11.07	200	169349	44.558	ng		98
70) Pentachlorophenol	11.17	266	260353	85.889	ng		100
71) Phenanthrene	11.40	178	999983	41.872	ng		99
72) Anthracene	11.45	178	1042357	43.192	ng		99
73) Carbazole	11.60	167	938075	40.450	ng		99
74) Di-n-butylphthalate	11.94	149	1158233	40.340	ng		100
75) Fluoranthene	12.59	202	1058643	41.612	ng		98
77) Benzidine	12.70	184	484690	51.166	ng		99
78) Pyrene	12.81	202	1072964	40.030	ng		100
80) Butylbenzylphthalate	13.43	149	436675	37.735	ng		90
81) Benzo(a)anthracene	14.00	228	888244	41.288	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	188890	26.018	ng		98
83) Chrysene	14.04	228	884247	40.296	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	620955	40.920	ng		98
85) Di-n-octyl phthalate	14.61	149	1026068	38.220	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	765519	43.370	ng		99
88) Benzo(b)fluoranthene	15.04	252	744584	41.156	ng		99
89) Benzo(k)fluoranthene	15.07	252	790322	44.894	ng		99
90) Benzo(a)pyrene	15.41	252	667072	41.334	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	654420	44.483	ng		99
92) Benzo(g,h,i)perylene	17.36	276	592346	44.055	ng		98

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

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