Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108237.D
Acq On : 17 Aug 2018 12:19
Operator : JU/SJ
Sample : PB112112BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112112BSD

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:19 PM

Quant Time: Aug 17 13:18:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	170871	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	668481	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	344984	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	666939	20.00	ng		0.00
75) Chrysene-d12	14.22	240	532275	20.00	ng		0.00
86) Perylene-d12	15.77	264	388161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	855583	90.65	ng		0.02
7) Phenol-d6	6.64	99	1160880	92.56	ng		0.00
23) Nitrobenzene-d5	7.58	82	966883	80.71	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	340019	98.81	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1841769	85.71	ng		0.00
78) Terphenyl-d14	13.15	244	1974004	94.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	186985	38.557	ng		89
3) Pyridine	3.77	79	512757	41.045	ng		90
4) n-Nitrosodimethylamine	3.73	42	275295	39.163	ng		83
6) Aniline	6.68	93	538209	31.549	ng		96
8) 2-Chlorophenol	6.80	128	469321	44.152	ng		93
9) Benzaldehyde	6.57	77	212926	21.897	ng		98
10) Phenol	6.65	94	573962	44.242	ng		95
11) bis(2-Chloroethyl)ether	6.75	93	454563	43.340	ng		93
12) 1,3-Dichlorobenzene	6.96	146	534205	43.464	ng		99
13) 1,4-Dichlorobenzene	7.03	146	531438	43.036	ng		99
14) 1,2-Dichlorobenzene	7.19	146	493605	42.973	ng		97
15) Benzyl Alcohol	7.15	79	385092	36.473	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	888767	41.134	ng		99
17) 2-Methylphenol	7.26	107	396798	43.529	ng		95
18) Hexachloroethane	7.53	117	195090	44.375	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	354787	41.832	ng		92
20) 3+4-Methylphenols	7.41	107	508116	43.498	ng	#	78
22) Acetophenone	7.42	105	666997	42.672	ng	#	93
24) Nitrobenzene	7.60	77	529518	43.711	ng		98
25) Isophorone	7.84	82	970178	42.489	ng		98
26) 2-Nitrophenol	7.91	139	229701	50.210	ng		90
27) 2,4-Dimethylphenol	7.94	122	453122	44.712	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	587963	44.109	ng		99
29) 2,4-Dichlorophenol	8.15	162	427230	45.810	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	450961	43.857	ng		97
31) Naphthalene	8.32	128	1354762	44.563	ng		99
32) Benzoic acid	8.06	122	195520	35.083	ng		93
33) 4-Chloroaniline	8.37	127	354679	26.771	ng		98
34) Hexachlorobutadiene	8.43	225	289778	44.517	ng		98
35) Caprolactam	8.74	113	121382m	41.532	ng		
36) 4-Chloro-3-methylphenol	8.84	107	444297	44.161	ng		97
37) 2-Methylnaphthalene	9.01	142	938386	43.627	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	466907	44.072	ng		98
40) Hexachlorocyclopentadiene	9.17	237	531800	77.716	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	301556	45.870	ng		100
43) 2,4,5-Trichlorophenol	9.34	196	344302	47.575	ng	#	92
45) 1,1'-Biphenyl	9.48	154	1139596	44.803	ng		99
46) 2-Chloronaphthalene	9.51	162	887691	44.156	ng		99
47) 2-Nitroaniline	9.60	65	300742	46.235	ng		85
48) Acenaphthylene	9.93	152	1410604	44.384	ng		99
49) Dimethylphthalate	9.78	163	1032783	42.977	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	232618	46.267	ng		95
51) Acenaphthene	10.10	154	910714	46.784	ng		99
52) 3-Nitroaniline	10.01	138	179505	32.631	ng		91
53) 2,4-Dinitrophenol	10.12	184	157287	83.277	ng	#	22
54) Dibenzofuran	10.27	168	1233292	43.730	ng		97
55) 4-Nitrophenol	10.17	139	334100	80.204	ng	#	83
56) 2,4-Dinitrotoluene	10.25	165	305559	47.215	ng	#	91
57) Fluorene	10.62	166	980506	43.919	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	289021	47.781	ng	#	84
59) Diethylphthalate	10.48	149	986957	42.413	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	504765	43.390	ng		92
61) 4-Nitroaniline	10.64	138	239829	44.097	ng		93
62) Azobenzene	10.77	77	1029107	42.823	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	110675	44.625	ng		89
65) n-Nitrosodiphenylamine	10.72	169	877059	44.501	ng		96
66) 4-Bromophenyl-phenylether	11.09	248	327865	45.236	ng	#	87
67) Hexachlorobenzene	11.17	284	341169	44.738	ng	#	89
68) Atrazine	11.25	200	296424	44.842	ng		94
69) Pentachlorophenol	11.36	266	330838	90.639	ng		97
70) Phenanthrene	11.59	178	1416241	45.021	ng		99
71) Anthracene	11.64	178	1453491	45.082	ng		99
72) Carbazole	11.79	167	1293212	45.145	ng		99
73) Di-n-butylphthalate	12.11	149	1506249	46.423	ng		100
74) Fluoranthene	12.78	202	1542687	44.935	ng		95
76) Benzidine	12.89	184	641962	32.280	ng		99
77) Pyrene	13.01	202	1550379	46.007	ng		99
79) Butylbenzylphthalate	13.61	149	648298	48.449	ng	#	96
80) Benzo(a)anthracene	14.21	228	1375305	45.022	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	332531	30.376	ng	#	97
82) Chrysene	14.24	228	1261733	45.053	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	846768	46.730	ng		98
84) Di-n-octyl phthalate	14.79	149	1328579	48.075	ng		96
85) Indeno(1,2,3-cd)pyrene	17.40	276	917927	37.828	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1088669	46.937	ng	#	97
88) Benzo(k)fluoranthene	15.34	252	1068756	50.127	ng	#	95
89) Benzo(a)pyrene	15.71	252	976095	46.996	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	763687	44.439	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	763337	45.110	ng	#	92

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

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