Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103851.D
Acq On : 22 Mar 2018 15:00
Operator : JU/SJ
Sample : PB107548BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Manual Integrations APPROVED
Sohil
3/23/2018 2:46:32 PM

Quant Time: Mar 22 17:11:11 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157137	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	650926	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	312896	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	573735	20.00	ng		0.00
75) Chrysene-d12	14.19	240	402716	20.00	ng		0.02
86) Perylene-d12	15.74	264	345553	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1174652	113.70	ng		0.01
7) Phenol-d6	6.60	99	1487173	117.66	ng		0.00
23) Nitrobenzene-d5	7.54	82	903491	96.79	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	389794	144.89	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1588454	80.98	ng		0.00
78) Terphenyl-d14	13.10	244	1644801	94.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	159210	31.297	ng	#	91
3) Pyridine	3.66	79	462882	33.081	ng		90
4) n-Nitrosodimethylamine	3.62	42	186855	36.218	ng	#	77
6) Aniline	6.64	93	503689	27.908	ng		95
8) 2-Chlorophenol	6.76	128	442338	40.872	ng		92
9) Benzaldehyde	6.52	77	125611	15.127	ng		99
10) Phenol	6.61	94	521167	38.804	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	414521	37.386	ng		92
12) 1,3-Dichlorobenzene	6.92	146	449155	36.439	ng		98
13) 1,4-Dichlorobenzene	6.99	146	457411	36.929	ng		98
14) 1,2-Dichlorobenzene	7.15	146	418506	36.412	ng		98
15) Benzyl Alcohol	7.11	79	379611	38.763	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	548532	34.784	ng		93
17) 2-Methylphenol	7.22	107	375262	38.937	ng		98
18) Hexachloroethane	7.48	117	167064	38.345	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	291489	35.985	ng		93
20) 3+4-Methylphenols	7.37	107	459985	37.608	ng		92
22) Acetophenone	7.38	105	574273	34.328	ng	#	93
24) Nitrobenzene	7.56	77	451936	41.241	ng		96
25) Isophorone	7.79	82	844843	39.099	ng		99
26) 2-Nitrophenol	7.87	139	240659	55.809	ng		94
27) 2,4-Dimethylphenol	7.90	122	417848	45.139	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	537877	41.108	ng		99
29) 2,4-Dichlorophenol	8.11	162	373780	44.383	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	371627	38.046	ng		99
31) Naphthalene	8.28	128	1234708	37.550	ng		100
32) Benzoic acid	8.02	122	268934	42.583	ng		98
33) 4-Chloroaniline	8.32	127	207144	15.016	ng		94
34) Hexachlorobutadiene	8.39	225	197793	36.933	ng		99
35) Caprolactam	8.70	113	131590m	45.376	ng		
36) 4-Chloro-3-methylphenol	8.80	107	408655	44.016	ng		98
37) 2-Methylnaphthalene	8.97	142	830088	39.809	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	346356	38.801	ng		99
40) Hexachlorocyclopentadiene	9.12	237	345281	74.961	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	258521	45.278	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	278685	43.244	ng		96
45) 1,1'-Biphenyl	9.43	154	968351	37.114	ng		99
46) 2-Chloronaphthalene	9.46	162	782293	37.750	ng		98
47) 2-Nitroaniline	9.56	65	247243	45.947	ng		93
48) Acenaphthylene	9.88	152	1211657	37.705	ng		99
49) Dimethylphthalate	9.73	163	941234	39.428	ng		100
50) 2,6-Dinitrotoluene	9.80	165	219559	47.582	ng	#	87
51) Acenaphthene	10.05	154	736307	38.589	ng		99
52) 3-Nitroaniline	9.96	138	149538	28.686	ng		100
53) 2,4-Dinitrophenol	10.07	184	175260	101.567	ng	#	21
54) Dibenzofuran	10.22	168	1095523	40.201	ng		98
55) 4-Nitrophenol	10.13	139	384003	87.372	ng		91
56) 2,4-Dinitrotoluene	10.20	165	291771	49.629	ng	#	93
57) Fluorene	10.57	166	828705	39.189	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	220603	48.310	ng		95
59) Diethylphthalate	10.43	149	921587	38.896	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	390699	40.427	ng		92
61) 4-Nitroaniline	10.59	138	242389	45.699	ng		96
62) Azobenzene	10.72	77	894334	37.126	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	123283	54.712	ng		89
65) n-Nitrosodiphenylamine	10.67	169	774302	39.649	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	243772	41.382	ng		95
67) Hexachlorobenzene	11.12	284	268223	39.894	ng	#	91
68) Atrazine	11.20	200	257135	42.564	ng		98
69) Pentachlorophenol	11.31	266	273038	70.637	ng		96
70) Phenanthrene	11.53	178	1215831	38.740	ng		99
71) Anthracene	11.59	178	1257644	39.454	ng		100
72) Carbazole	11.74	167	1196861	38.631	ng		100
73) Di-n-butylphthalate	12.06	149	1479840	39.807	ng		100
74) Fluoranthene	12.73	202	1279551	39.574	ng		99
76) Benzidine	12.85	184	516002	30.042	ng		97
77) Pyrene	12.96	202	1260032	42.604	ng		100
79) Butylbenzylphthalate	13.57	149	622907	47.538	ng		99
80) Benzo(a)anthracene	14.17	228	1048396	41.127	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	236106	27.690	ng		98
82) Chrysene	14.21	228	969112	39.881	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	867149	46.324	ng		99
84) Di-n-octyl phthalate	14.79	149	1385401	50.872	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.34	276	938230	44.212	ng		98
87) Benzo(b)fluoranthene	15.29	252	895293	41.010	ng		97
88) Benzo(k)fluoranthene	15.32	252	808389	38.521	ng		99
89) Benzo(a)pyrene	15.69	252	820007	41.412	ng		99
90) Dibenzo(a,h)anthracene	17.36	278	773339	45.104	ng		98
91) Benzo(g,h,i)perylene	17.82	276	779864	46.754	ng		98

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

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