Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103013.D
Acq On : 15 Feb 2018 13:09
Operator : SJ/JU
Sample : PB106525BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Manual Integrations APPROVED
Sohil
2/16/2018 2:31:11 PM

Quant Time: Feb 15 14:34:18 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162062	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	696835	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	328772	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	589202	20.00	ng		0.00
75) Chrysene-d12	14.05	240	455886	20.00	ng		0.00
86) Perylene-d12	15.53	264	429636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1290921	120.97	ng		0.01
7) Phenol-d6	6.52	99	1563583	121.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	1004365	99.99	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	350705	132.53	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1644800	83.02	ng		0.00
78) Terphenyl-d14	12.99	244	1610983	83.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	198189	37.601	ng		89
3) Pyridine	3.49	79	565360	38.823	ng		89
4) n-Nitrosodimethylamine	3.44	42	274303	44.025	ng		99
6) Aniline	6.54	93	464500	24.479	ng		95
8) 2-Chlorophenol	6.66	128	489688	44.573	ng		92
9) Benzaldehyde	6.43	77	117969	12.363	ng		98
10) Phenol	6.53	94	622993	45.243	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	474711	41.430	ng		92
12) 1,3-Dichlorobenzene	6.82	146	504837	39.681	ng		97
13) 1,4-Dichlorobenzene	6.89	146	513388	40.510	ng		100
14) 1,2-Dichlorobenzene	7.05	146	467807	39.631	ng		98
15) Benzyl Alcohol	7.02	79	432721	43.804	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	850907	39.093	ng		99
17) 2-Methylphenol	7.13	107	436931	43.116	ng		97
18) Hexachloroethane	7.39	117	186408	42.894	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	329096	38.847	ng		97
20) 3+4-Methylphenols	7.28	107	490779	39.272	ng	#	78
22) Acetophenone	7.29	105	648599	38.036	ng	#	89
24) Nitrobenzene	7.46	77	541014	45.788	ng		98
25) Isophorone	7.70	82	1000590	43.259	ng		100
26) 2-Nitrophenol	7.77	139	285913	56.931	ng		96
27) 2,4-Dimethylphenol	7.81	122	474818	48.589	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	621084	45.327	ng		99
29) 2,4-Dichlorophenol	8.02	162	417358	46.981	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	404310	40.231	ng		98
31) Naphthalene	8.18	128	1381925	40.590	ng		99
32) Benzoic acid	7.93	122	293831	44.071	ng		98
33) 4-Chloroaniline	8.23	127	177408	12.096	ng		98
34) Hexachlorobutadiene	8.29	225	197805	38.411	ng		99
35) Caprolactam	8.60	113	158209m	51.281	ng		
36) 4-Chloro-3-methylphenol	8.72	107	478192	47.909	ng		98
37) 2-Methylnaphthalene	8.87	142	935778	41.981	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	351868	39.306	ng		98
40) Hexachlorocyclopentadiene	9.02	237	294742	69.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	268913	45.735	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	290656	43.858	ng		97
45) 1,1'-Biphenyl	9.34	154	1078912	38.962	ng		99
46) 2-Chloronaphthalene	9.36	162	875916	40.178	ng		99
47) 2-Nitroaniline	9.46	65	337167	49.967	ng		94
48) Acenaphthylene	9.78	152	1338547	39.532	ng		99
49) Dimethylphthalate	9.64	163	1062432	41.445	ng		100
50) 2,6-Dinitrotoluene	9.70	165	243600	49.948	ng		97
51) Acenaphthene	9.95	154	771768	38.113	ng		100
52) 3-Nitroaniline	9.87	138	155764	25.956	ng		99
53) 2,4-Dinitrophenol	9.99	184	181987	96.700	ng	#	20
54) Dibenzofuran	10.13	168	1170023	41.000	ng		98
55) 4-Nitrophenol	10.05	139	428686	86.579	ng		94
56) 2,4-Dinitrotoluene	10.11	165	321120	49.024	ng	#	95
57) Fluorene	10.47	166	897346	43.219	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	223530	48.666	ng		99
59) Diethylphthalate	10.34	149	1023009	40.416	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	398611	43.399	ng		98
61) 4-Nitroaniline	10.49	138	292710	51.244	ng		93
62) Azobenzene	10.62	77	1059145	41.885	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	136495	53.519	ng		90
65) n-Nitrosodiphenylamine	10.58	169	838946	40.367	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	259015	41.558	ng		97
67) Hexachlorobenzene	11.02	284	272121	39.577	ng		95
68) Atrazine	11.10	200	263396	42.960	ng		97
69) Pentachlorophenol	11.21	266	269168	66.688	ng		97
70) Phenanthrene	11.43	178	1304728	39.760	ng		99
71) Anthracene	11.49	178	1365928	40.926	ng		100
72) Carbazole	11.64	167	1346220	41.172	ng		98
73) Di-n-butylphthalate	11.96	149	1659665	41.785	ng		100
74) Fluoranthene	12.62	202	1394273	42.231	ng		98
76) Benzidine	12.74	184	536704	25.615	ng		98
77) Pyrene	12.85	202	1421674	39.769	ng		99
79) Butylbenzylphthalate	13.46	149	758925	44.459	ng		95
80) Benzo(a)anthracene	14.04	228	1255213	43.780	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	250526	23.567	ng		99
82) Chrysene	14.08	228	1147902	39.717	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1024508	46.783	ng		99
84) Di-n-octyl phthalate	14.63	149	1750497	53.235	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1065763	44.461	ng		98
87) Benzo(b)fluoranthene	15.10	252	1180468	42.379	ng		98
88) Benzo(k)fluoranthene	15.13	252	1094872	41.137	ng		99
89) Benzo(a)pyrene	15.47	252	1078714	43.023	ng		97
90) Dibenzo(a,h)anthracene	17.05	278	878729	43.179	ng		99
91) Benzo(g,h,i)perylene	17.50	276	908070	45.588	ng		99

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

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