Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103015.D
Acq On : 15 Feb 2018 14:04
Operator : SJ/JU
Sample : PB106541BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Manual Integrations APPROVED
Sohil
2/16/2018 2:31:13 PM

Quant Time: Feb 15 14:41:36 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	163419	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	712804	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	335817	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	606249	20.00	ng		0.00
75) Chrysene-d12	14.05	240	450903	20.00	ng		0.00
86) Perylene-d12	15.53	264	423665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1311127	121.84	ng		0.01
7) Phenol-d6	6.51	99	1605534	123.92	ng		0.00
23) Nitrobenzene-d5	7.45	82	1033618	100.59	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	360089	133.22	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1690044	83.51	ng		0.00
78) Terphenyl-d14	12.99	244	1608541	84.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	203075	38.208	ng		87
3) Pyridine	3.49	79	593458	40.414	ng		90
4) n-Nitrosodimethylamine	3.45	42	283460	45.117	ng		98
6) Aniline	6.54	93	483943	25.292	ng		96
8) 2-Chlorophenol	6.66	128	498104	44.962	ng		93
9) Benzaldehyde	6.43	77	121459	12.623	ng		99
10) Phenol	6.53	94	642434	46.267	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	491975	42.580	ng		93
12) 1,3-Dichlorobenzene	6.82	146	522349	40.717	ng		98
13) 1,4-Dichlorobenzene	6.89	146	526450	41.196	ng		99
14) 1,2-Dichlorobenzene	7.05	146	478939	40.237	ng		99
15) Benzyl Alcohol	7.02	79	445192	44.692	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	871551	39.709	ng		99
17) 2-Methylphenol	7.13	107	439703	43.029	ng		99
18) Hexachloroethane	7.39	117	194991	44.496	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	339198	39.707	ng		97
20) 3+4-Methylphenols	7.28	107	501746	39.816	ng	#	81
22) Acetophenone	7.29	105	667912	38.291	ng	#	90
24) Nitrobenzene	7.46	77	553264	45.776	ng		98
25) Isophorone	7.70	82	1033470	43.679	ng		99
26) 2-Nitrophenol	7.77	139	289851	56.499	ng		96
27) 2,4-Dimethylphenol	7.81	122	482421	48.261	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	635911	45.370	ng		99
29) 2,4-Dichlorophenol	8.02	162	423765	46.634	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	413487	40.222	ng		96
31) Naphthalene	8.18	128	1422110	40.835	ng		99
32) Benzoic acid	7.94	122	289585	42.927	ng		95
33) 4-Chloroaniline	8.23	127	177352	11.821	ng		99
34) Hexachlorobutadiene	8.29	225	206224	39.149	ng		98
35) Caprolactam	8.60	113	162693m	51.553	ng		
36) 4-Chloro-3-methylphenol	8.72	107	487264	47.724	ng		98
37) 2-Methylnaphthalene	8.87	142	958732	42.048	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	363599	39.765	ng		98
40) Hexachlorocyclopentadiene	9.02	237	306136	70.429	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273155	45.482	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	292819	43.258	ng		96
45) 1,1'-Biphenyl	9.34	154	1104077	39.034	ng		100
46) 2-Chloronaphthalene	9.36	162	888930	39.920	ng		100
47) 2-Nitroaniline	9.46	65	343729	49.877	ng		93
48) Acenaphthylene	9.78	152	1366063	39.498	ng		99
49) Dimethylphthalate	9.64	163	1089421	41.606	ng		99
50) 2,6-Dinitrotoluene	9.70	165	250923	50.370	ng		96
51) Acenaphthene	9.95	154	801309	38.742	ng		98
52) 3-Nitroaniline	9.87	138	151500	24.716	ng		99
53) 2,4-Dinitrophenol	9.98	184	179489	94.767	ng	#	19
54) Dibenzofuran	10.13	168	1196411	41.045	ng		98
55) 4-Nitrophenol	10.04	139	429131	84.931	ng		91
56) 2,4-Dinitrotoluene	10.11	165	331698	49.542	ng		96
57) Fluorene	10.47	166	917117	43.244	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	224769	47.909	ng		99
59) Diethylphthalate	10.34	149	1060117	41.003	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	404406	43.106	ng		98
61) 4-Nitroaniline	10.49	138	293332	50.275	ng		94
62) Azobenzene	10.62	77	1072438	41.521	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	137727	52.754	ng		84
65) n-Nitrosodiphenylamine	10.58	169	860926	40.260	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	256811	40.045	ng		97
67) Hexachlorobenzene	11.02	284	279854	39.557	ng		96
68) Atrazine	11.10	200	275362	43.649	ng		99
69) Pentachlorophenol	11.21	266	273526	65.862	ng		99
70) Phenanthrene	11.43	178	1353053	40.074	ng		99
71) Anthracene	11.49	178	1396551	40.667	ng		99
72) Carbazole	11.64	167	1354200	40.251	ng		98
73) Di-n-butylphthalate	11.96	149	1704171	41.699	ng		100
74) Fluoranthene	12.62	202	1413552	41.611	ng		99
76) Benzidine	12.74	184	536304	25.879	ng		98
77) Pyrene	12.85	202	1424227	40.280	ng		99
79) Butylbenzylphthalate	13.46	149	765982	45.348	ng		98
80) Benzo(a)anthracene	14.04	228	1247564	43.994	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	248088	23.595	ng		99
82) Chrysene	14.08	228	1153839	40.364	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1039396	47.987	ng		100
84) Di-n-octyl phthalate	14.63	149	1750593	53.827	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1035810	43.689	ng		98
87) Benzo(b)fluoranthene	15.09	252	1188450	43.267	ng		96
88) Benzo(k)fluoranthene	15.13	252	1051795	40.076	ng		99
89) Benzo(a)pyrene	15.47	252	1057469	42.770	ng	#	96
90) Dibenzo(a,h)anthracene	17.05	278	859697	42.839	ng		99
91) Benzo(g,h,i)perylene	17.49	276	875554	44.575	ng		97

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

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