Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102974.D
Acq On : 13 Feb 2018 20:55
Operator : SJ/JU
Sample : PB106515BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Manual Integrations APPROVED
Sohil
2/14/2018 10:29:53 AM

Quant Time: Feb 14 02:38:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160916	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	630999	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	244950	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	370445	20.00	ng		0.00
75) Chrysene-d12	14.04	240	269519	20.00	ng		0.00
86) Perylene-d12	15.52	264	200849	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1207767	113.98	ng		0.02
7) Phenol-d6	6.51	99	1450697	113.71	ng		0.01
23) Nitrobenzene-d5	7.45	82	913926	100.47	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	230620	116.97	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1365614	92.51	ng		0.00
78) Terphenyl-d14	12.99	244	1075301	94.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	147422	28.169	ng		88
4) n-Nitrosodimethylamine	3.40	42	208827	33.755	ng		94
6) Aniline	6.54	93	65153	3.458	ng		93
8) 2-Chlorophenol	6.66	128	357322	32.756	ng		94
9) Benzaldehyde	6.43	77	99155	10.465	ng		98
10) Phenol	6.52	94	445110	32.555	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	362993	31.905	ng		89
12) 1,3-Dichlorobenzene	6.82	146	383870	30.388	ng		97
13) 1,4-Dichlorobenzene	6.89	146	387896	30.826	ng		99
14) 1,2-Dichlorobenzene	7.05	146	352975	30.116	ng		97
15) Benzyl Alcohol	7.02	79	315522	32.167	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	643308	29.766	ng		99
17) 2-Methylphenol	7.13	107	308601	30.670	ng		97
18) Hexachloroethane	7.39	117	103436	23.971	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	247173	29.384	ng		95
20) 3+4-Methylphenols	7.28	107	364061	29.340	ng	#	75
22) Acetophenone	7.29	105	485522	31.443	ng	#	93
24) Nitrobenzene	7.46	77	388977	36.341	ng		97
25) Isophorone	7.70	82	707695	33.788	ng		100
26) 2-Nitrophenol	7.77	139	106714	28.560	ng		97
27) 2,4-Dimethylphenol	7.81	122	310221	35.058	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	459688	37.049	ng		98
29) 2,4-Dichlorophenol	8.02	162	271665	33.772	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	283448	31.147	ng		98
31) Naphthalene	8.18	128	981299	31.830	ng		99
32) Benzoic acid	7.86	122	5522m	9.396	ng		
33) 4-Chloroaniline	8.23	127	173411	13.057	ng		97
34) Hexachlorobutadiene	8.29	225	146536	31.424	ng		98
35) Caprolactam	8.58	113	31810m	11.387	ng		
36) 4-Chloro-3-methylphenol	8.70	107	286082	31.652	ng		100
37) 2-Methylnaphthalene	8.87	142	619546	30.694	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	237456	35.603	ng		99
40) Hexachlorocyclopentadiene	9.02	237	20296	6.401	ng		98
42) 2,4,6-Trichlorophenol	9.15	196	151880	34.670	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	157944	31.989	ng		96
45) 1,1'-Biphenyl	9.33	154	704703	34.157	ng		98
46) 2-Chloronaphthalene	9.36	162	542357	33.391	ng		98
47) 2-Nitroaniline	9.46	65	209874	42.317	ng		91
48) Acenaphthylene	9.78	152	791643	31.380	ng		99
49) Dimethylphthalate	9.63	163	711975	37.278	ng		100
50) 2,6-Dinitrotoluene	9.70	165	114908	31.623	ng		96
51) Acenaphthene	9.95	154	459824	30.479	ng		99
52) 3-Nitroaniline	9.87	138	165868	37.098	ng		96
53) 2,4-Dinitrophenol	9.97	184	2524	11.745	ng	#	30
54) Dibenzofuran	10.12	168	691032	32.502	ng		98
55) 4-Nitrophenol	10.03	139	185132	51.876	ng		94
56) 2,4-Dinitrotoluene	10.10	165	132399	28.503	ng		94
57) Fluorene	10.46	166	501276	32.405	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	109851	32.100	ng		97
59) Diethylphthalate	10.33	149	648717	34.399	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	237136	34.653	ng		99
61) 4-Nitroaniline	10.48	138	170783	40.130	ng		93
62) Azobenzene	10.62	77	592928	31.472	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	3585	10.932	ng		85
65) n-Nitrosodiphenylamine	10.57	169	448646	34.335	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	137187	35.009	ng		89
67) Hexachlorobenzene	11.01	284	140563	32.515	ng		98
68) Atrazine	11.09	200	107871	27.983	ng		97
69) Pentachlorophenol	11.20	266	122879	48.422	ng		99
70) Phenanthrene	11.43	178	677528	32.840	ng		99
71) Anthracene	11.48	178	701122	33.412	ng		99
72) Carbazole	11.63	167	660611	32.134	ng		99
73) Di-n-butylphthalate	11.96	149	911737	36.510	ng		99
74) Fluoranthene	12.62	202	690574	33.269	ng		99
77) Pyrene	12.84	202	707454	33.474	ng		99
79) Butylbenzylphthalate	13.46	149	380739	37.883	ng		95
80) Benzo(a)anthracene	14.03	228	570180	33.639	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	147407	23.455	ng		99
82) Chrysene	14.07	228	539830	31.594	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	548415	42.359	ng	#	99
84) Di-n-octyl phthalate	14.62	149	874044	44.961	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	396487	27.978	ng		98
87) Benzo(b)fluoranthene	15.09	252	442203	33.959	ng		97
88) Benzo(k)fluoranthene	15.12	252	422040	33.920	ng		100
89) Benzo(a)pyrene	15.46	252	394649	33.670	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	336180	35.336	ng		99
91) Benzo(g,h,i)perylene	17.47	276	331172	35.564	ng		99

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

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