Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102978.D
Acq On : 14 Feb 2018 10:12
Operator : SJ/JU
Sample : PB106515BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Manual Integrations APPROVED

Sohil

2/15/2018 11:06:10 AM

Quant Time: Feb 14 14:14:04 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	170274	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	722864	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	332818	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	601649	20.00	ng		0.00
75) Chrysene-d12	14.04	240	399759	20.00	ng		0.00
86) Perylene-d12	15.52	264	328917	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1280010	114.16	ng		0.02
7) Phenol-d6	6.52	99	1580695	117.09	ng		0.02
23) Nitrobenzene-d5	7.45	82	1025062	98.37	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	351447	131.20	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1655515	82.54	ng		0.00
78) Terphenyl-d14	12.99	244	1577133	93.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	156967	28.344	ng		88
4) n-Nitrosodimethylamine	3.42	42	221249	33.797	ng		99
6) Aniline	6.54	93	50531	2.535	ng	#	90
8) 2-Chlorophenol	6.66	128	389041	33.704	ng		92
9) Benzaldehyde	6.43	77	106968	10.670	ng		97
10) Phenol	6.53	94	485473	33.555	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	387622	32.198	ng		90
12) 1,3-Dichlorobenzene	6.82	146	410920	30.742	ng		98
13) 1,4-Dichlorobenzene	6.89	146	415000	31.167	ng		99
14) 1,2-Dichlorobenzene	7.05	146	374910	30.230	ng		99
15) Benzyl Alcohol	7.02	79	358608	34.551	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	695686	30.420	ng		98
17) 2-Methylphenol	7.13	107	340219	31.954	ng		99
18) Hexachloroethane	7.39	117	152133	33.319	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	276077	31.017	ng		94
20) 3+4-Methylphenols	7.28	107	403829	30.756	ng	#	78
22) Acetophenone	7.29	105	538385	30.436	ng	#	91
24) Nitrobenzene	7.46	77	433895	35.383	ng		96
25) Isophorone	7.70	82	813481	33.903	ng		99
26) 2-Nitrophenol	7.77	139	225590	45.377	ng		98
27) 2,4-Dimethylphenol	7.81	122	362336	35.743	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	511698	35.999	ng		99
29) 2,4-Dichlorophenol	8.02	162	331003	35.919	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	322081	30.895	ng		98
31) Naphthalene	8.18	128	1123360	31.807	ng		100
32) Benzoic acid	7.86	122	10200m	9.915	ng		
33) 4-Chloroaniline	8.23	127	132176	8.687	ng		98
34) Hexachlorobutadiene	8.29	225	160503	30.045	ng		99
35) Caprolactam	8.60	113	14385	4.495	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	374925	36.210	ng		98
37) 2-Methylnaphthalene	8.87	142	750624	32.462	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	287963	31.777	ng		98
40) Hexachlorocyclopentadiene	9.02	237	263933	61.267	ng		99
42) 2,4,6-Trichlorophenol	9.15	196	217962	36.619	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	232202	34.612	ng		97
45) 1,1'-Biphenyl	9.33	154	880879	31.424	ng		98
46) 2-Chloronaphthalene	9.36	162	698175	31.636	ng		99
47) 2-Nitroaniline	9.46	65	268392	40.033	ng		88
48) Acenaphthylene	9.78	152	1079141	31.483	ng		99
49) Dimethylphthalate	9.63	163	913425	35.199	ng		100
50) 2,6-Dinitrotoluene	9.70	165	188827	38.246	ng		93
51) Acenaphthene	9.95	154	630130	30.740	ng		99
52) 3-Nitroaniline	9.87	138	174897	28.790	ng		98
53) 2,4-Dinitrophenol	9.97	184	110241	71.714	ng	#	17
54) Dibenzofuran	10.12	168	958065	33.165	ng		97
55) 4-Nitrophenol	10.03	139	333730	67.511	ng		92
56) 2,4-Dinitrotoluene	10.10	165	258205	39.572	ng		97
57) Fluorene	10.46	166	726808	34.580	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	176744	38.012	ng		98
59) Diethylphthalate	10.33	149	871107	33.996	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	322779	34.715	ng		96
61) 4-Nitroaniline	10.49	138	191624	33.139	ng		93
62) Azobenzene	10.62	77	860799	33.627	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	100224	42.089	ng		93
65) n-Nitrosodiphenylamine	10.57	169	659529	31.078	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	204685	32.161	ng		94
67) Hexachlorobenzene	11.02	284	215923	30.754	ng		91
68) Atrazine	11.10	200	192210	30.701	ng		97
69) Pentachlorophenol	11.21	266	207192	50.271	ng		100
70) Phenanthrene	11.43	178	1053697	31.446	ng		100
71) Anthracene	11.48	178	1104387	32.405	ng		99
72) Carbazole	11.63	167	1031681	30.899	ng		99
73) Di-n-butylphthalate	11.96	149	1374093	33.880	ng		99
74) Fluoranthene	12.62	202	1079055	32.007	ng		98
77) Pyrene	12.85	202	1102915	35.184	ng		100
79) Butylbenzylphthalate	13.46	149	574459	38.518	ng		98
80) Benzo(a)anthracene	14.03	228	857629	34.113	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	138789	14.889	ng		99
82) Chrysene	14.07	228	808926	31.918	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	802226	41.776	ng		99
84) Di-n-octyl phthalate	14.62	149	1189342	41.248	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	738004	35.111	ng		98
87) Benzo(b)fluoranthene	15.09	252	682382	31.999	ng		96
88) Benzo(k)fluoranthene	15.12	252	680191	33.382	ng		98
89) Benzo(a)pyrene	15.46	252	649245	33.824	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	612548	39.316	ng		99
91) Benzo(g,h,i)perylene	17.48	276	640562	42.005	ng		98

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

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