Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104529.D
Acq On : 16 Apr 2018 12:59
Operator : JU/SJ
Sample : PB108229BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108229BS

Manual Integrations APPROVED
Sohil
4/17/2018 10:08:47 AM

Quant Time: Apr 16 13:50:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138305	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	629190	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	278673	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	427821	20.00	ng		0.00
75) Chrysene-d12	13.99	240	266113	20.00	ng		0.00
86) Perylene-d12	15.46	264	221047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	819145	90.56	ng		0.02
7) Phenol-d6	6.46	99	961386	86.51	ng		0.00
23) Nitrobenzene-d5	7.38	82	852456	88.47	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	248080	85.82	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1416064	80.27	ng		0.00
78) Terphenyl-d14	12.93	244	1049130	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	188780	44.791	ng		89
3) Pyridine	3.36	79	513907	43.369	ng		86
4) n-Nitrosodimethylamine	3.33	42	193695	46.761	ng		80
6) Aniline	6.47	93	415933	26.938	ng	#	89
8) 2-Chlorophenol	6.60	128	431267	45.174	ng		92
9) Benzaldehyde	6.36	77	24672	2.104	ng		94
10) Phenol	6.47	94	501185	42.503	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	408850	43.449	ng		94
12) 1,3-Dichlorobenzene	6.75	146	453069	41.891	ng		98
13) 1,4-Dichlorobenzene	6.83	146	477126	44.255	ng		100
14) 1,2-Dichlorobenzene	6.98	146	476506	47.694	ng		99
15) Benzyl Alcohol	6.96	79	395946	46.907	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	606457	47.990	ng		85
17) 2-Methylphenol	7.07	107	405878	48.909	ng		94
18) Hexachloroethane	7.32	117	179496	46.696	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	317075	43.661	ng		96
20) 3+4-Methylphenols	7.23	107	455401	44.247	ng	#	76
22) Acetophenone	7.22	105	623838	40.273	ng		97
24) Nitrobenzene	7.40	77	504720	47.443	ng		98
25) Isophorone	7.63	82	945411	46.398	ng		98
26) 2-Nitrophenol	7.71	139	245884	56.774	ng		98
27) 2,4-Dimethylphenol	7.76	122	442707	49.230	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	604599	48.531	ng		99
29) 2,4-Dichlorophenol	7.96	162	399195	46.525	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	407972	43.325	ng		98
31) Naphthalene	8.12	128	1360286	43.418	ng		100
32) Benzoic acid	7.89	122	294620	41.062	ng		97
33) 4-Chloroaniline	8.17	127	378237	28.180	ng		97
34) Hexachlorobutadiene	8.23	225	220545	42.760	ng		98
35) Caprolactam	8.55	113	132289m	44.196	ng		
36) 4-Chloro-3-methylphenol	8.66	107	424394	46.128	ng		99
37) 2-Methylnaphthalene	8.81	142	886211	43.729	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	371511	46.572	ng		98
40) Hexachlorocyclopentadiene	8.96	237	203210	45.502	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	260693	47.076 ng		99
43) 2,4,5-Trichlorophenol	9.14	196	265474	42.840 ng		98
45) 1,1'-Biphenyl	9.27	154	1025670	43.812 ng		100
46) 2-Chloronaphthalene	9.30	162	802712	43.410 ng		98
47) 2-Nitroaniline	9.40	65	261600	57.207 ng		97
48) Acenaphthylene	9.72	152	1210016	41.707 ng		100
49) Dimethylphthalate	9.58	163	993158	45.194 ng		100
50) 2,6-Dinitrotoluene	9.65	165	210623	51.797 ng		90
51) Acenaphthene	9.89	154	707406	39.963 ng		100
52) 3-Nitroaniline	9.81	138	191866	40.304 ng		97
53) 2,4-Dinitrophenol	9.92	184	48028	39.040 ng	#	23
54) Dibenzofuran	10.06	168	1048927	42.521 ng		98
55) 4-Nitrophenol	9.99	139	324671	86.822 ng		96
56) 2,4-Dinitrotoluene	10.05	165	259438	48.640 ng		90
57) Fluorene	10.40	166	772185	43.005 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	201781	43.646 ng		96
59) Diethylphthalate	10.28	149	924678	42.249 ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	367513	45.959 ng		94
61) 4-Nitroaniline	10.43	138	213993	45.974 ng		97
62) Azobenzene	10.56	77	858823	41.073 ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	32665	20.625 ng		78
65) n-Nitrosodiphenylamine	10.52	169	730617	49.254 ng		100
66) 4-Bromophenyl-phenylether	10.89	248	227234	49.934 ng		94
67) Hexachlorobenzene	10.95	284	233475	45.597 ng		96
68) Atrazine	11.05	200	222454	49.683 ng		99
69) Pentachlorophenol	11.15	266	210905	66.579 ng		96
70) Phenanthrene	11.37	178	1020155	42.819 ng		99
71) Anthracene	11.42	178	1046407	43.207 ng		100
72) Carbazole	11.58	167	937120	39.598 ng		100
73) Di-n-butylphthalate	11.90	149	1286683	44.508 ng		99
74) Fluoranthene	12.56	202	899880	36.151 ng		97
76) Benzidine	12.69	184	674832	Below Cal		98
77) Pyrene	12.79	202	879706	44.598 ng		99
79) Butylbenzylphthalate	13.41	149	438628	47.201 ng		94
80) Benzo(a)anthracene	13.98	228	741368	46.633 ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	282258	47.618 ng		97
82) Chrysene	14.02	228	719067	44.035 ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	593575	49.659 ng		98
84) Di-n-octyl phthalate	14.59	149	977138	48.925 ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	540935	38.996 ng		98
87) Benzo(b)fluoranthene	15.04	252	673082	48.212 ng		100
88) Benzo(k)fluoranthene	15.07	252	616637	46.784 ng		98
89) Benzo(a)pyrene	15.40	252	585871	46.901 ng		99
90) Dibenzo(a,h)anthracene	16.94	278	454531	44.304 ng		98
91) Benzo(g,h,i)perylene	17.37	276	433817	43.645 ng		98

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

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