Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104538.D
Acq On : 16 Apr 2018 17:47
Operator : JU/SJ
Sample : PB108254BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Manual Integrations APPROVED
Sohil
4/17/2018 10:08:56 AM

Quant Time: Apr 16 18:17:55 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	149643	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	623420	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	291847	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	531017	20.00	ng		0.00
75) Chrysene-d12	13.99	240	378858	20.00	ng		0.00
86) Perylene-d12	15.46	264	300188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1098158	112.21	ng		0.02
7) Phenol-d6	6.46	99	1466383	121.95	ng		0.00
23) Nitrobenzene-d5	7.38	82	938922	98.34	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	381036	125.86	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1570374	85.00	ng		0.00
78) Terphenyl-d14	12.93	244	1560059	93.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	153299	33.617	ng		90
3) Pyridine	3.35	79	449215	35.037	ng		89
4) n-Nitrosodimethylamine	3.30	42	160838	35.887	ng	#	77
6) Aniline	6.47	93	492304	29.469	ng	#	59
8) 2-Chlorophenol	6.60	128	443196	42.906	ng		93
9) Benzaldehyde	6.36	77	135580	18.478	ng		99
10) Phenol	6.47	94	522243	40.933	ng		82
11) bis(2-Chloroethyl)ether	6.55	93	437613	42.982	ng		96
12) 1,3-Dichlorobenzene	6.75	146	474635	40.560	ng		98
13) 1,4-Dichlorobenzene	6.83	146	474291	40.659	ng		99
14) 1,2-Dichlorobenzene	6.98	146	435900	40.324	ng		99
15) Benzyl Alcohol	6.96	79	364556	39.916	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	571306	41.783	ng		90
17) 2-Methylphenol	7.07	107	365528	40.709	ng		95
18) Hexachloroethane	7.32	117	176182	42.361	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	294811	37.519	ng		94
20) 3+4-Methylphenols	7.23	107	418925	37.619	ng	#	75
22) Acetophenone	7.22	105	583484	38.016	ng		96
24) Nitrobenzene	7.40	77	470447	44.631	ng		98
25) Isophorone	7.63	82	770091	38.144	ng		98
26) 2-Nitrophenol	7.71	139	256901	59.867	ng		97
27) 2,4-Dimethylphenol	7.75	122	353376	39.660	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	524505	42.491	ng		100
29) 2,4-Dichlorophenol	7.96	162	365654	43.010	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	378950	40.616	ng		99
31) Naphthalene	8.12	128	1180598	38.031	ng		99
32) Benzoic acid	7.89	122	326401	45.912	ng		96
33) 4-Chloroaniline	8.17	127	308392	23.189	ng		96
34) Hexachlorobutadiene	8.23	225	208061	40.713	ng		100
35) Caprolactam	8.55	113	128433m	43.305	ng		
36) 4-Chloro-3-methylphenol	8.66	107	401506	44.045	ng		99
37) 2-Methylnaphthalene	8.81	142	766461	38.170	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	335667	40.179	ng		99
40) Hexachlorocyclopentadiene	8.96	237	374720	80.119	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	259233	44.700	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	264253	40.718	ng		97
45) 1,1'-Biphenyl	9.27	154	962640	39.264	ng		100
46) 2-Chloronaphthalene	9.30	162	787708	40.676	ng		100
47) 2-Nitroaniline	9.40	65	250782	52.365	ng		98
48) Acenaphthylene	9.72	152	1159056	38.147	ng		99
49) Dimethylphthalate	9.58	163	918693	39.918	ng		100
50) 2,6-Dinitrotoluene	9.64	165	211973	49.776	ng		98
51) Acenaphthene	9.89	154	668261	36.048	ng		100
52) 3-Nitroaniline	9.81	138	176154	35.333	ng		99
53) 2,4-Dinitrophenol	9.92	184	185799	96.183	ng	#	20
54) Dibenzofuran	10.06	168	1030495	39.888	ng		99
55) 4-Nitrophenol	9.99	139	349524	89.249	ng		95
56) 2,4-Dinitrotoluene	10.05	165	277479	49.674	ng	#	98
57) Fluorene	10.40	166	741891	39.453	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212346	43.858	ng		95
59) Diethylphthalate	10.28	149	889889	38.825	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	368686	44.024	ng		100
61) 4-Nitroaniline	10.43	138	235272	48.264	ng		96
62) Azobenzene	10.56	77	882492	40.300	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	148715	56.049	ng		83
65) n-Nitrosodiphenylamine	10.52	169	743317	40.372	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	239808	42.457	ng		93
67) Hexachlorobenzene	10.95	284	264777	41.661	ng		92
68) Atrazine	11.04	200	244784	44.046	ng		99
69) Pentachlorophenol	11.15	266	280804	71.417	ng		97
70) Phenanthrene	11.37	178	1113169	37.643	ng		99
71) Anthracene	11.42	178	1121287	37.301	ng		100
72) Carbazole	11.58	167	1156343	39.366	ng		99
73) Di-n-butylphthalate	11.90	149	1393500	38.835	ng		100
74) Fluoranthene	12.56	202	1144315	37.036	ng		100
76) Benzidine	12.68	184	431383	31.523	ng		98
77) Pyrene	12.79	202	1181040	42.056	ng		99
79) Butylbenzylphthalate	13.40	149	577156	43.625	ng		98
80) Benzo(a)anthracene	13.98	228	930281	41.102	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	261976	31.044	ng		98
82) Chrysene	14.02	228	911769	39.219	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	747298	43.915	ng		99
84) Di-n-octyl phthalate	14.59	149	1138746	40.049	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	772825	39.133	ng		99
87) Benzo(b)fluoranthene	15.03	252	750742	39.597	ng		98
88) Benzo(k)fluoranthene	15.06	252	729651	40.764	ng		99
89) Benzo(a)pyrene	15.40	252	672912	39.667	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	637179	45.733	ng		98
91) Benzo(g,h,i)perylene	17.36	276	671112	49.719	ng		98

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

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