Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105016.D
Acq On : 2 May 2018 7:20
Operator : JU/SJ
Sample : PB108770BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108770BS

Quant Time: May 02 08:13:11 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126179	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	520448	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	235318	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	388647	20.00	ng		0.00
75) Chrysene-d12	14.02	240	236852	20.00	ng		0.05
86) Perylene-d12	15.57	264	215967	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	576499	69.86	ng		0.00
7) Phenol-d6	6.43	99	696240	68.67	ng		0.00
23) Nitrobenzene-d5	7.36	82	601159	75.42	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	163372	66.93	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1109053	74.45	ng		0.00
78) Terphenyl-d14	12.92	244	849176	81.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	101212	26.322	ng	#	87
3) Pyridine	3.31	79	289707	26.798	ng		86
4) n-Nitrosodimethylamine	3.29	42	112740	29.833	ng	#	73
6) Aniline	6.45	93	131173	9.312	ng	#	5
8) 2-Chlorophenol	6.57	128	305015	35.020	ng		95
9) Benzaldehyde	6.34	77	95220	14.765	ng		98
10) Phenol	6.45	94	355803	33.073	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	274555	31.981	ng		92
12) 1,3-Dichlorobenzene	6.73	146	314561	31.879	ng		99
13) 1,4-Dichlorobenzene	6.80	146	319449	32.478	ng		99
14) 1,2-Dichlorobenzene	6.96	146	298807	32.782	ng		99
15) Benzyl Alcohol	6.94	79	231421	30.051	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	305926	26.535	ng		57
17) 2-Methylphenol	7.05	107	246810	32.599	ng		93
18) Hexachloroethane	7.29	117	107916	30.772	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	190541	28.759	ng		90
20) 3+4-Methylphenols	7.21	107	310972	33.118	ng	#	84
22) Acetophenone	7.20	105	400511	31.258	ng		98
24) Nitrobenzene	7.38	77	295323	33.560	ng		94
25) Isophorone	7.62	82	540487	32.068	ng		98
26) 2-Nitrophenol	7.69	139	159125	44.418	ng		95
27) 2,4-Dimethylphenol	7.73	122	261003	35.089	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	351640	34.123	ng		99
29) 2,4-Dichlorophenol	7.94	162	251923	35.495	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	257846	33.104	ng		100
31) Naphthalene	8.10	128	846171	32.651	ng		100
32) Benzoic acid	7.87	122	101954	17.178	ng		94
33) 4-Chloroaniline	8.15	127	63862	5.752	ng		96
34) Hexachlorobutadiene	8.20	225	141115	33.076	ng		98
35) Caprolactam	8.53	113	78015	31.510	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	262935	34.550	ng		98
37) 2-Methylnaphthalene	8.79	142	560575	33.440	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	242222	35.959	ng		98
40) Hexachlorocyclopentadiene	8.93	237	48945	12.979	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162173	34.681	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	169334	32.360	ng		94
45) 1,1'-Biphenyl	9.25	154	667078	33.745	ng		99
46) 2-Chloronaphthalene	9.28	162	515732	33.029	ng		100
47) 2-Nitroaniline	9.39	65	149264	38.655	ng		87
48) Acenaphthylene	9.70	152	755516	30.839	ng		99
49) Dimethylphthalate	9.55	163	626198	33.745	ng		99
50) 2,6-Dinitrotoluene	9.63	165	135963	39.597	ng	#	87
51) Acenaphthene	9.87	154	448411	29.999	ng		99
52) 3-Nitroaniline	9.79	138	59605	14.828	ng		97
53) 2,4-Dinitrophenol	9.91	184	30180	31.652	ng	#	22
54) Dibenzofuran	10.04	168	659463	31.658	ng		96
55) 4-Nitrophenol	9.97	139	163934	51.915	ng		93
56) 2,4-Dinitrotoluene	10.03	165	160775	35.696	ng		95
57) Fluorene	10.39	166	529264	34.907	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	127335	32.618	ng		92
59) Diethylphthalate	10.25	149	599085	32.416	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	252702	37.424	ng		93
61) 4-Nitroaniline	10.42	138	116604	29.667	ng		94
62) Azobenzene	10.53	77	515869	29.217	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	28241	19.984	ng		80
65) n-Nitrosodiphenylamine	10.49	169	475433	35.282	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	150631	36.437	ng		94
67) Hexachlorobenzene	10.93	284	161040	34.621	ng	#	89
68) Atrazine	11.03	200	152118	37.398	ng		97
69) Pentachlorophenol	11.13	266	116472	40.474	ng		98
70) Phenanthrene	11.35	178	704819	32.565	ng		98
71) Anthracene	11.40	178	719805	32.717	ng		99
72) Carbazole	11.56	167	645330	30.017	ng		99
73) Di-n-butylphthalate	11.88	149	880771	33.538	ng		98
74) Fluoranthene	12.54	202	618571	27.354	ng		99
76) Benzidine	12.67	184	282769	33.598	ng		97
77) Pyrene	12.77	202	597752	34.048	ng		99
79) Butylbenzylphthalate	13.40	149	302607	36.586	ng		95
80) Benzo(a)anthracene	14.01	228	499439	35.297	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	162143	30.733	ng		98
82) Chrysene	14.05	228	478604	32.930	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	430544	40.470	ng		99
84) Di-n-octyl phthalate	14.67	149	664334	37.372	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.06	276	382088	30.947	ng		96
87) Benzo(b)fluoranthene	15.14	252	463462	33.978	ng		100
88) Benzo(k)fluoranthene	15.17	252	471866	36.643	ng		99
89) Benzo(a)pyrene	15.52	252	430969	35.312	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	330771	32.999	ng		97
91) Benzo(g,h,i)perylene	17.51	276	300835	30.978	ng		96

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

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