Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079566.D
Acq On : 29 May 2015 17:59
Operator : TP/IZ
Sample : PB83653BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Manual Integrations APPROVED
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6/1/2015 4:20:56 PM

Quant Time: May 29 23:56:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99174	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	417953	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	210481	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	378782	20.00	ng		0.00
75) Chrysene-d12	15.81	240	360960	20.00	ng		-0.07
86) Perylene-d12	17.52	264	367637m	20.00	ng		-0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	592404	103.61	ng		0.00
7) Phenol-d6	6.55	99	707785	97.12	ng		0.00
23) Nitrobenzene-d5	7.66	82	433500	59.96	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	231286	100.04	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	848261	57.50	ng		0.00
78) Terphenyl-d14	14.53	244	943939	61.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	66727	24.53	ng	#	100
3) Pyridine	2.43	79	169227	28.25	ng		98
4) n-Nitrosodimethylamine	2.36	42	86939	29.48	ng		99
6) Aniline	6.55	93	189513	18.32	ng	#	82
8) 2-Chlorophenol	6.68	128	211585	31.79	ng		97
9) Benzaldehyde	6.40	77	21644	3.33	ng		90
10) Phenol	6.57	94	260603	30.37	ng		92
11) bis(2-Chloroethyl)ether	6.65	93	199064	32.07	ng		93
12) 1,3-Dichlorobenzene	6.87	146	220539	29.91	ng		98
13) 1,4-Dichlorobenzene	6.97	146	225495	29.98	ng		98
14) 1,2-Dichlorobenzene	7.15	146	212043	30.35	ng		99
15) Benzyl Alcohol	7.15	79	170678	31.87	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.32	45	273660	30.12	ng		97
17) 2-Methylphenol	7.31	107	168233	32.17	ng		98
18) Hexachloroethane	7.56	117	76455	29.53	ng		99
19) n-Nitroso-di-n-propylamine	7.48	70	152767	29.79	ng	#	91
20) 3+4-Methylphenols	7.51	107	222050	30.90	ng		93
22) Acetophenone	7.47	105	296090	31.62	ng	#	92
24) Nitrobenzene	7.68	77	212940	29.88	ng	#	85
25) Isophorone	7.98	82	382316	29.01	ng		94
26) 2-Nitrophenol	8.07	139	107167	31.76	ng	#	86
27) 2,4-Dimethylphenol	8.15	122	186025	30.67	ng		96
28) bis(2-Chloroethoxy)methane	8.26	93	249866	30.59	ng		97
29) 2,4-Dichlorophenol	8.38	162	185109	33.32	ng		97
30) 1,2,4-Trichlorobenzene	8.47	180	181877	31.56	ng		96
31) Naphthalene	8.56	128	601571	29.99	ng		99
32) Benzoic acid	8.30	122	120259	31.95	ng		97
33) 4-Chloroaniline	8.65	127	139750	16.68	ng		95
34) Hexachlorobutadiene	8.71	225	97117	29.63	ng		98
35) Caprolactam	9.08	113	53753	30.68	ng		96
36) 4-Chloro-3-methylphenol	9.27	107	185451	32.18	ng	#	87
37) 2-Methylnaphthalene	9.42	142	429068	30.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	175305	29.78	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	97772	61.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	119171	28.99	ng		98
43) 2,4,5-Trichlorophenol	9.83	196	131678	32.18	ng	#	88
45) 1,1'-Biphenyl	10.00	154	495700	30.15	ng		98
46) 2-Chloronaphthalene	10.01	162	376405	28.99	ng		98
47) 2-Nitroaniline	10.16	65	115116	29.82	ng	#	61
48) Acenaphthylene	10.52	152	628565	29.17	ng		99
49) Dimethylphthalate	10.40	163	455943	29.40	ng		99
50) 2,6-Dinitrotoluene	10.47	165	96677	31.20	ng	#	72
51) Acenaphthene	10.73	154	356067	28.89	ng		99
52) 3-Nitroaniline	10.67	138	78799	19.55	ng	#	73
53) 2,4-Dinitrophenol	10.81	184	76188	65.03	ng	#	90
54) Dibenzofuran	10.95	168	539125	29.66	ng		100
55) 4-Nitrophenol	10.91	139	141518	63.32	ng		98
56) 2,4-Dinitrotoluene	10.97	165	130606	31.43	ng	#	73
57) Fluorene	11.37	166	442949	29.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	95929	32.21	ng	#	100
59) Diethylphthalate	11.27	149	444491	29.28	ng		97
60) 4-Chlorophenyl-phenylether	11.38	204	195801	30.25	ng		97
61) 4-Nitroaniline	11.43	138	107313	28.58	ng		80
62) Azobenzene	11.58	77	419988	28.44	ng		98
64) 4,6-Dinitro-2-methylphenol	11.47	198	56845	32.36	ng	#	73
65) n-Nitrosodiphenylamine	11.54	169	387079	30.77	ng		99
66) 4-Bromophenyl-phenylether	11.99	248	123806	31.74	ng		96
67) Hexachlorobenzene	12.05	284	140414	31.57	ng		100
68) Atrazine	12.22	200	114390	33.66	ng		99
69) Pentachlorophenol	12.31	266	118312	69.45	ng		98
70) Phenanthrene	12.56	178	640085	30.80	ng		100
71) Anthracene	12.62	178	651805	30.90	ng		100
72) Carbazole	12.83	167	604895	29.78	ng		99
73) Di-n-butylphthalate	13.29	149	703018	30.30	ng		100
74) Fluoranthene	14.02	202	656270	29.45	ng		94
76) Benzidine	14.22	184	304307	39.36	ng		99
77) Pyrene	14.30	202	692629	30.97	ng		99
79) Butylbenzylphthalate	15.14	149	304884	30.32	ng		95
80) Benzo(a)anthracene	15.79	228	625860	30.14	ng		100
81) 3,3'-Dichlorobenzidine	15.77	252	160914	21.16	ng	#	97
82) Chrysene	15.84	228	569023	28.83	ng		98
83) Bis(2-ethylhexyl)phthalate	15.86	149	428351	29.73	ng		100
84) Di-n-octyl phthalate	16.65	149	741814	29.58	ng		98
85) Indeno(1,2,3-cd)pyrene	18.81	276	742404m	29.24	ng		
87) Benzo(b)fluoranthene	17.09	252	637528m	30.41	ng		
88) Benzo(k)fluoranthene	17.12	252	614111m	32.75	ng		
89) Benzo(a)pyrene	17.46	252	613909m	32.87	ng		
90) Dibenzo(a,h)anthracene	18.83	278	605561m	31.01	ng		
91) Benzo(g,h,i)perylene	19.19	276	622448m	32.41	ng		

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

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