Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077769.D
Acq On : 17 Mar 2015 13:42
Operator : TP/IZ
Sample : PB82120BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82120BS

Quant Time: Mar 18 01:14:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	51181	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	208793	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	104928	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	207406	20.00	ng		0.00
75) Chrysene-d12	16.04	240	224118	20.00	ng		0.01
86) Perylene-d12	17.80	264	212536	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	312809	106.68	ng		0.00
7) Phenol-d6	6.73	99	379284	104.70	ng		0.00
23) Nitrobenzene-d5	7.86	82	220788	69.32	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	100411	100.02	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	495607	69.41	ng		0.00
78) Terphenyl-d14	14.74	244	567213	61.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	36358	27.31	ng	#	100
3) Pyridine	2.76	79	92617	25.89	ng		96
4) n-Nitrosodimethylamine	2.68	42	44514	28.58	ng		99
6) Aniline	6.75	93	93216	17.99	ng	#	34
8) 2-Chlorophenol	6.89	128	119297	34.18	ng		95
9) Benzaldehyde	6.60	77	9243	6.23	ng		98
10) Phenol	6.75	94	142099	33.18	ng		89
11) bis(2-Chloroethyl)ether	6.85	93	113867	35.50	ng		96
12) 1,3-Dichlorobenzene	7.08	146	125108	32.23	ng		97
13) 1,4-Dichlorobenzene	7.18	146	127883	31.71	ng		99
14) 1,2-Dichlorobenzene	7.37	146	120393	32.56	ng		98
15) Benzyl Alcohol	7.34	79	93952	33.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	142758	33.03	ng		98
17) 2-Methylphenol	7.49	107	92006	32.38	ng		97
18) Hexachloroethane	7.78	117	41857	31.64	ng		92
19) n-Nitroso-di-n-propylamine	7.68	70	76623	30.57	ng		93
20) 3+4-Methylphenols	7.69	107	124901	33.50	ng		94
22) Acetophenone	7.68	105	160942	34.82	ng	#	91
24) Nitrobenzene	7.88	77	116023	33.81	ng	#	84
25) Isophorone	8.18	82	210915	32.79	ng		96
26) 2-Nitrophenol	8.27	139	57464	34.21	ng		90
27) 2,4-Dimethylphenol	8.34	122	103459	33.80	ng		94
28) bis(2-Chloroethoxy)methane	8.46	93	138019	35.35	ng		98
29) 2,4-Dichlorophenol	8.57	162	97644	33.47	ng		94
30) 1,2,4-Trichlorobenzene	8.67	180	104250	31.94	ng		98
31) Naphthalene	8.76	128	336244	31.36	ng		100
32) Benzoic acid	8.45	122	60630	36.32	ng		94
33) 4-Chloroaniline	8.84	127	93059	21.38	ng	#	96
34) Hexachlorobutadiene	8.92	225	57784	31.23	ng		97
35) Caprolactam	9.26	113	30707	36.02	ng		97
36) 4-Chloro-3-methylphenol	9.45	107	99397	33.86	ng	#	84
37) 2-Methylnaphthalene	9.62	142	234420	32.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101544	32.45	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	99366	64.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70284	32.42	ng		97
43) 2,4,5-Trichlorophenol	10.02	196	77528	33.10	ng	#	86
45) 1,1'-Biphenyl	10.20	154	274083	32.68	ng		98
46) 2-Chloronaphthalene	10.22	162	225392	33.07	ng		96
47) 2-Nitroaniline	10.36	65	59733	35.28	ng	#	73
48) Acenaphthylene	10.73	152	355032	31.32	ng		100
49) Dimethylphthalate	10.60	163	260390	33.46	ng		99
50) 2,6-Dinitrotoluene	10.67	165	57997	35.95	ng	#	76
51) Acenaphthene	10.95	154	200456	30.84	ng		98
52) 3-Nitroaniline	10.87	138	46967	25.07	ng		82
53) 2,4-Dinitrophenol	11.00	184	46081	77.98	ng	#	81
54) Dibenzofuran	11.16	168	315665	32.75	ng		95
55) 4-Nitrophenol	11.09	139	107555	77.50	ng		97
56) 2,4-Dinitrotoluene	11.16	165	77513	36.85	ng	#	83
57) Fluorene	11.59	166	259454	32.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61941	34.35	ng	#	100
59) Diethylphthalate	11.47	149	246931	32.56	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	115574	31.64	ng		90
61) 4-Nitroaniline	11.62	138	60060	32.17	ng		81
62) Azobenzene	11.79	77	236326	32.61	ng		91
64) 4,6-Dinitro-2-methylphenol	11.67	198	32104	34.15	ng		79
65) n-Nitrosodiphenylamine	11.75	169	218547	31.65	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	69880	31.57	ng	#	83
67) Hexachlorobenzene	12.26	284	76575	31.49	ng	#	82
68) Atrazine	12.42	200	68021	35.15	ng		93
69) Pentachlorophenol	12.51	266	83926	66.43	ng		97
70) Phenanthrene	12.77	178	384411	32.29	ng		100
71) Anthracene	12.84	178	389821	33.14	ng		99
72) Carbazole	13.05	167	375787	33.58	ng		99
73) Di-n-butylphthalate	13.51	149	410280	32.70	ng		99
74) Fluoranthene	14.25	202	418220	31.85	ng		93
76) Benzidine	14.43	184	167869	30.16	ng		99
77) Pyrene	14.53	202	460247	32.66	ng		99
79) Butylbenzylphthalate	15.37	149	172105	30.97	ng		94
80) Benzo(a)anthracene	16.03	228	438534	33.01	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	103452	23.61	ng		98
82) Chrysene	16.08	228	402836	33.72	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	249340	29.62	ng		98
84) Di-n-octyl phthalate	16.91	149	417187	28.99	ng		99
85) Indeno(1,2,3-cd)pyrene	19.21	276	471418m	31.62	ng		
87) Benzo(b)fluoranthene	17.35	252	429693	30.97	ng		99
88) Benzo(k)fluoranthene	17.38	252	392100	36.18	ng	#	96
89) Benzo(a)pyrene	17.75	252	403687	34.87	ng		99
90) Dibenzo(a,h)anthracene	19.24	278	371073	32.32	ng		99
91) Benzo(g,h,i)perylene	19.62	276	382705	32.74	ng		97

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

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