Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078808.D
Acq On : 29 Apr 2015 12:46
Operator : TP/IZ
Sample : PB83058BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83058BS

Quant Time: Apr 30 01:26:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	77833	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	329851	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	160820	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	293434	20.00	ng		0.00
75) Chrysene-d12	16.29	240	306553	20.00	ng		-0.01
86) Perylene-d12	18.05	264	305066	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	568525	134.16	ng		0.00
7) Phenol-d6	6.92	99	717369	126.75	ng		0.00
23) Nitrobenzene-d5	8.07	82	388247	84.74	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	205884	128.82	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	890999	75.87	ng		0.00
78) Terphenyl-d14	14.98	244	995182	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	68705	35.34	ng	#	19
3) Pyridine	3.14	79	215099	37.46	ng		94
4) n-Nitrosodimethylamine	3.06	42	104807m	40.63	ng		
6) Aniline	6.97	93	186058	22.51	ng		99
8) 2-Chlorophenol	7.11	128	207943	42.69	ng		94
9) Benzaldehyde	6.83	77	15035	3.68	ng		93
10) Phenol	6.95	94	267730	40.02	ng		90
11) bis(2-Chloroethyl)ether	7.07	93	204435	41.32	ng		87
12) 1,3-Dichlorobenzene	7.31	146	218851	38.70	ng	#	91
13) 1,4-Dichlorobenzene	7.40	146	231366	39.96	ng		95
14) 1,2-Dichlorobenzene	7.59	146	219845	40.63	ng		98
15) Benzyl Alcohol	7.55	79	175101	41.52	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.74	45	322803	41.74	ng		98
17) 2-Methylphenol	7.69	107	171452	43.48	ng		94
18) Hexachloroethane	8.01	117	80749	42.22	ng		90
19) n-Nitroso-di-n-propylamine	7.90	70	163529	41.41	ng	#	86
20) 3+4-Methylphenols	7.88	107	222294	43.28	ng		91
22) Acetophenone	7.88	105	298264	40.82	ng	#	90
24) Nitrobenzene	8.09	77	209381	42.68	ng		96
25) Isophorone	8.40	82	405967	39.20	ng	#	90
26) 2-Nitrophenol	8.49	139	80111	55.43	ng	#	89
27) 2,4-Dimethylphenol	8.55	122	198841	43.28	ng		95
28) bis(2-Chloroethoxy)methane	8.67	93	273300	42.73	ng		98
29) 2,4-Dichlorophenol	8.78	162	171930	43.78	ng		94
30) 1,2,4-Trichlorobenzene	8.89	180	179622	39.83	ng		97
31) Naphthalene	8.98	128	597060	38.14	ng		100
32) Benzoic acid	8.63	122	85995	61.67	ng		95
33) 4-Chloroaniline	9.05	127	126812	19.25	ng	#	95
34) Hexachlorobutadiene	9.14	225	100379	39.45	ng		97
35) Caprolactam	9.47	113	52430	41.93	ng	#	80
36) 4-Chloro-3-methylphenol	9.66	107	186557	45.24	ng		87
37) 2-Methylnaphthalene	9.85	142	443783	42.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	173570	38.09	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	172915	90.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	118292	42.61	ng		97
43) 2,4,5-Trichlorophenol	10.24	196	123924	41.94	ng	#	91
45) 1,1'-Biphenyl	10.43	154	517663	40.11	ng		96
46) 2-Chloronaphthalene	10.46	162	389119	38.58	ng		93
47) 2-Nitroaniline	10.57	65	102492	46.52	ng		87
48) Acenaphthylene	10.96	152	633273	38.37	ng		100
49) Dimethylphthalate	10.81	163	442967	38.75	ng		98
50) 2,6-Dinitrotoluene	10.88	165	82993	44.56	ng	#	73
51) Acenaphthene	11.18	154	388892	40.12	ng		99
52) 3-Nitroaniline	11.09	138	74205	30.71	ng		87
53) 2,4-Dinitrophenol	11.22	184	38114	128.49	ng	#	75
54) Dibenzofuran	11.39	168	573707	40.35	ng		98
55) 4-Nitrophenol	11.28	139	166174	85.23	ng	#	71
56) 2,4-Dinitrotoluene	11.38	165	119343	51.91	ng	#	69
57) Fluorene	11.82	166	454581	39.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	102011	46.10	ng	#	100
59) Diethylphthalate	11.69	149	468388	41.17	ng		97
60) 4-Chlorophenyl-phenylether	11.83	204	204494	40.43	ng		92
61) 4-Nitroaniline	11.84	138	97684	40.44	ng		94
62) Azobenzene	12.02	77	493297	42.53	ng		95
64) 4,6-Dinitro-2-methylphenol	11.87	198	28963	56.40	ng	#	58
65) n-Nitrosodiphenylamine	11.98	169	401042	42.27	ng		100
66) 4-Bromophenyl-phenylether	12.43	248	122537	41.37	ng	#	89
67) Hexachlorobenzene	12.49	284	140321	41.82	ng	#	89
68) Atrazine	12.64	200	117793	46.36	ng		97
69) Pentachlorophenol	12.74	266	155649	86.21	ng		97
70) Phenanthrene	13.02	178	672940	42.36	ng		100
71) Anthracene	13.07	178	672091	43.27	ng		99
72) Carbazole	13.28	167	649055	44.25	ng		99
73) Di-n-butylphthalate	13.74	149	730717	43.00	ng	#	97
74) Fluoranthene	14.49	202	698809	44.11	ng		99
76) Benzidine	14.67	184	230370	23.22	ng		99
77) Pyrene	14.78	202	734246	40.99	ng		99
79) Butylbenzylphthalate	15.60	149	304184	44.29	ng		99
80) Benzo(a)anthracene	16.27	228	683005	41.53	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	177414	31.69	ng		96
82) Chrysene	16.32	228	648643	40.46	ng		100
83) Bis(2-ethylhexyl)phthalate	16.32	149	459247	41.65	ng	#	96
84) Di-n-octyl phthalate	17.12	149	755431	43.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	779761	42.87	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	687157m	41.61	ng		
88) Benzo(k)fluoranthene	17.61	252	639588	39.97	ng		99
89) Benzo(a)pyrene	17.98	252	649379	43.95	ng		99
90) Dibenzo(a,h)anthracene	19.59	278	630680	41.21	ng		97
91) Benzo(g,h,i)perylene	20.01	276	640675	41.71	ng		98

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

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