Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082402.D
Acq On : 21 Oct 2015 14:13
Operator : UM/IZ
Sample : PB86203BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86203BS

Quant Time: Oct 22 09:20:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101381	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	392200	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	202410	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	385859	20.00	ng		0.00
75) Chrysene-d12	14.05	240	349489	20.00	ng		0.03
86) Perylene-d12	15.62	264	277591	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	525950	104.70	ng		0.01
7) Phenol-d6	6.42	99	693615	106.11	ng		0.00
23) Nitrobenzene-d5	7.35	82	432707	74.09	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	164947	86.90	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	889958	72.92	ng		0.00
78) Terphenyl-d14	12.91	244	923268	70.00	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	71023	28.14	ng		98
3) Pyridine	3.07	79	189809	32.34	ng		96
4) n-Nitrosodimethylamine	3.04	42	78206	31.41	ng		99
6) Aniline	6.43	93	118703	14.08	ng	#	15
8) 2-Chlorophenol	6.56	128	193607	31.57	ng		100
9) Benzaldehyde	6.32	77	80884	24.23	ng		93
10) Phenol	6.43	94	217850	28.90	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	200252	31.42	ng		99
12) 1,3-Dichlorobenzene	6.71	146	234477	32.83	ng		98
13) 1,4-Dichlorobenzene	6.79	146	238737	32.01	ng		99
14) 1,2-Dichlorobenzene	6.94	146	216830	30.62	ng		97
15) Benzyl Alcohol	6.93	79	157521	34.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	274397	30.92	ng		87
17) 2-Methylphenol	7.04	107	160783	33.16	ng		99
18) Hexachloroethane	7.28	117	82170	32.19	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	131288	28.60	ng	#	85
20) 3+4-Methylphenols	7.20	107	199016	34.44	ng	#	66
22) Acetophenone	7.19	105	264925	34.15	ng	#	91
24) Nitrobenzene	7.36	77	191129	30.23	ng		98
25) Isophorone	7.60	82	367848	31.21	ng		98
26) 2-Nitrophenol	7.68	139	109597	34.72	ng		92
27) 2,4-Dimethylphenol	7.73	122	190722	37.50	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	237729	34.66	ng		98
29) 2,4-Dichlorophenol	7.93	162	170510	33.54	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	180972	30.88	ng		97
31) Naphthalene	8.08	128	545409	32.08	ng		100
32) Benzoic acid	7.84	122	64798	18.98	ng		97
33) 4-Chloroaniline	8.14	127	74072	10.49	ng		96
34) Hexachlorobutadiene	8.19	225	107920	29.56	ng		98
35) Caprolactam	8.50	113	48391	32.80	ng	#	64
36) 4-Chloro-3-methylphenol	8.63	107	169062	34.01	ng		98
37) 2-Methylnaphthalene	8.78	142	404930	34.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	181420	30.13	ng		98
40) Hexachlorocyclopentadiene	8.93	237	142268	50.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	120729	30.19	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	127903	29.53	ng		95
45) 1,1'-Biphenyl	9.25	154	477441	30.93	ng		94
46) 2-Chloronaphthalene	9.27	162	379352	31.22	ng		99
47) 2-Nitroaniline	9.37	65	112705	33.79	ng	#	79
48) Acenaphthylene	9.68	152	617376	32.62	ng		99
49) Dimethylphthalate	9.54	163	422030	29.61	ng		99
50) 2,6-Dinitrotoluene	9.61	165	94637	31.47	ng	#	82
51) Acenaphthene	9.85	154	355216	31.26	ng		99
52) 3-Nitroaniline	9.78	138	41699	12.27	ng		93
53) 2,4-Dinitrophenol	9.90	184	80776	50.62	ng		90
54) Dibenzofuran	10.02	168	513135	32.89	ng		98
55) 4-Nitrophenol	9.95	139	116046	56.13	ng	#	79
56) 2,4-Dinitrotoluene	10.02	165	126544	33.66	ng		91
57) Fluorene	10.37	166	411738	32.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112214	31.71	ng		95
59) Diethylphthalate	10.25	149	448030	33.72	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	192394	32.78	ng	#	81
61) 4-Nitroaniline	10.40	138	95845	29.09	ng		97
62) Azobenzene	10.53	77	424797	32.67	ng		84
64) 4,6-Dinitro-2-methylphenol	10.42	198	60584	27.98	ng	#	58
65) n-Nitrosodiphenylamine	10.48	169	350088	30.30	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	113960	29.51	ng	#	84
67) Hexachlorobenzene	10.91	284	132003	31.61	ng	#	88
68) Atrazine	11.02	200	137635	37.60	ng		97
69) Pentachlorophenol	11.11	266	118495	55.14	ng		97
70) Phenanthrene	11.33	178	614445	32.49	ng		100
71) Anthracene	11.38	178	695151	35.67	ng		100
72) Carbazole	11.54	167	604583	34.01	ng		98
73) Di-n-butylphthalate	11.87	149	748867	34.14	ng		98
74) Fluoranthene	12.53	202	709563	34.93	ng		98
76) Benzidine	12.65	184	209364	20.67	ng		99
77) Pyrene	12.75	202	661700	31.90	ng		99
79) Butylbenzylphthalate	13.42	149	314113	33.19	ng		89
80) Benzo(a)anthracene	14.04	228	597547	32.86	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	99065	14.35	ng	#	94
82) Chrysene	14.07	228	519774	27.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	425793	31.53	ng		98
84) Di-n-octyl phthalate	14.74	149	718766	30.99	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	429949	28.23	ng		98
87) Benzo(b)fluoranthene	15.20	252	478729m	28.35	ng		
88) Benzo(k)fluoranthene	15.24	252	513068m	36.14	ng		
89) Benzo(a)pyrene	15.56	252	462318	31.85	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	366069	30.78	ng		99
91) Benzo(g,h,i)perylene	17.45	276	346973	30.03	ng		99

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

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