Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081646.D
Acq On : 16 Sep 2015 13:07
Operator : UM/IZ
Sample : PB85561BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85561BS

Quant Time: Sep 17 04:54:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50067	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	202458	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	98182	20.00	ng		-0.03
63) Phenanthrene-d10	18.73	188	206586	20.00	ng		-0.02
75) Chrysene-d12	23.36	240	166207	20.00	ng		-0.02
86) Perylene-d12	24.80	264	114295	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	354913	109.98	ng		0.01
7) Phenol-d6	7.62	99	487000	114.01	ng		-0.02
23) Nitrobenzene-d5	9.50	82	320680	76.42	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	108434	124.04	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	575802	75.15	ng		-0.03
78) Terphenyl-d14	22.09	244	592960	83.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.62	88	38778m	26.76	ng		
3) Pyridine	2.14	79	114933	28.76	ng	#	78
4) n-Nitrosodimethylamine	2.10	42	86295	38.87	ng	#	59
6) Aniline	7.49	93	133073	22.06	ng	#	83
8) 2-Chlorophenol	7.74	128	127629	35.89	ng	#	78
9) Benzaldehyde	7.21	77	52955	19.79	ng	#	79
10) Phenol	7.65	94	170973	34.52	ng	#	54
11) bis(2-Chloroethyl)ether	7.73	93	128607	35.99	ng	#	73
12) 1,3-Dichlorobenzene	8.05	146	129186	34.00	ng	#	91
13) 1,4-Dichlorobenzene	8.23	146	129703	33.53	ng	#	90
14) 1,2-Dichlorobenzene	8.55	146	126388	36.29	ng	#	91
15) Benzyl Alcohol	8.63	79	129959	37.09	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	278721	40.69	ng		92
17) 2-Methylphenol	8.97	107	103943	36.63	ng	#	78
18) Hexachloroethane	9.28	117	54362	36.12	ng	#	88
19) n-Nitroso-di-n-propylamine	9.26	70	106572	36.66	ng	#	91
20) 3+4-Methylphenols	9.35	107	137431	35.92	ng		84
22) Acetophenone	9.18	105	194386	35.15	ng	#	75
24) Nitrobenzene	9.53	77	157413	36.12	ng	#	63
25) Isophorone	10.13	82	277211	35.52	ng	#	84
26) 2-Nitrophenol	10.26	139	64318	33.86	ng	#	28
27) 2,4-Dimethylphenol	10.54	122	118493	36.12	ng	#	76
28) bis(2-Chloroethoxy)methane	10.73	93	164033	36.38	ng	#	93
29) 2,4-Dichlorophenol	10.88	162	104633	36.78	ng		94
30) 1,2,4-Trichlorobenzene	10.99	180	110766	35.84	ng		95
31) Naphthalene	11.14	128	376244	34.85	ng		99
32) Benzoic acid	11.04	122	61323	27.34	ng	#	50
33) 4-Chloroaniline	11.37	127	78222	17.76	ng	#	81
34) Hexachlorobutadiene	11.50	225	69159	36.77	ng		99
35) Caprolactam	12.30	113	33487m	38.38	ng		
36) 4-Chloro-3-methylphenol	12.70	107	129135	40.56	ng	#	72
37) 2-Methylnaphthalene	12.79	142	253539	36.08	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	109350	35.22	ng		98
40) Hexachlorocyclopentadiene	13.18	237	112998	74.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	74944	34.97	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	77495	35.45	ng	#	86
45) 1,1'-Biphenyl	13.94	154	314057	34.77	ng		96
46) 2-Chloronaphthalene	13.93	162	227260	34.84	ng	#	86
47) 2-Nitroaniline	14.28	65	101869	38.32	ng	#	61
48) Acenaphthylene	14.88	152	399532	34.52	ng		97
49) Dimethylphthalate	14.82	163	286802	37.60	ng	#	96
50) 2,6-Dinitrotoluene	14.92	165	58185	33.61	ng	#	37
51) Acenaphthene	15.30	154	229478	34.86	ng		92
52) 3-Nitroaniline	15.27	138	43771	22.21	ng	#	46
53) 2,4-Dinitrophenol	15.57	184	62521	71.52	ng	#	30
54) Dibenzofuran	15.73	168	356481	37.08	ng	#	84
55) 4-Nitrophenol	15.90	139	87644	70.78	ng	#	20
56) 2,4-Dinitrotoluene	15.86	165	82465	37.41	ng	#	51
57) Fluorene	16.54	166	285328	39.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	66164	39.64	ng		91
59) Diethylphthalate	16.52	149	319715	39.84	ng		95
60) 4-Chlorophenyl-phenylether	16.63	204	135086	39.73	ng	#	82
61) 4-Nitroaniline	16.74	138	62514	31.39	ng	#	30
62) Azobenzene	17.00	77	360330	40.39	ng		81
64) 4,6-Dinitro-2-methylphenol	16.84	198	41255	35.70	ng		83
65) n-Nitrosodiphenylamine	16.95	169	250206	33.28	ng		93
66) 4-Bromophenyl-phenylether	17.77	248	76443	36.60	ng	#	88
67) Hexachlorobenzene	17.83	284	78100	35.76	ng	#	91
68) Atrazine	18.37	200	93016	42.76	ng	#	74
69) Pentachlorophenol	18.37	266	69638	67.08	ng		98
70) Phenanthrene	18.79	178	407568	35.49	ng		97
71) Anthracene	18.92	178	425232	36.04	ng		98
72) Carbazole	19.38	167	395525	35.72	ng		96
73) Di-n-butylphthalate	20.44	149	520134	39.78	ng	#	98
74) Fluoranthene	21.41	202	449880	36.18	ng		89
76) Benzidine	21.72	184	193155	27.07	ng		97
77) Pyrene	21.76	202	475637	38.63	ng		97
79) Butylbenzylphthalate	22.78	149	219098	40.92	ng	#	71
80) Benzo(a)anthracene	23.35	228	388966	36.75	ng		97
81) 3,3'-Dichlorobenzidine	23.36	252	77913	21.82	ng	#	94
82) Chrysene	23.40	228	344299	36.29	ng		96
83) Bis(2-ethylhexyl)phthalate	23.48	149	305805	43.28	ng	#	91
84) Di-n-octyl phthalate	24.13	149	455554	39.15	ng		95
85) Indeno(1,2,3-cd)pyrene	25.84	276	227937	32.74	ng	#	83
87) Benzo(b)fluoranthene	24.46	252	289602m	35.49	ng		
88) Benzo(k)fluoranthene	24.48	252	267352m	39.49	ng		
89) Benzo(a)pyrene	24.76	252	277817	40.18	ng	#	81
90) Dibenzo(a,h)anthracene	25.85	278	191607	35.86	ng	#	79
91) Benzo(g,h,i)perylene	26.14	276	184989	36.28	ng	#	76

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

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