Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078565.D
Acq On : 16 Apr 2015 15:01
Operator : TP/IZ
Sample : G1889-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-014-AMS

Quant Time: Apr 17 01:40:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	28888	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	122360	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	61649	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	120495	20.00	ng		0.00
75) Chrysene-d12	15.50	240	133838	20.00	ng		0.01
86) Perylene-d12	17.21	264	140395	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	161085	91.94	ng		0.01
7) Phenol-d6	6.30	99	208605	95.00	ng		0.00
23) Nitrobenzene-d5	7.39	82	118906	58.90	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	52210	102.11	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	239388	55.51	ng		0.00
78) Terphenyl-d14	14.23	244	291488	49.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.46	88	17847	22.53	ng	#	1
3) Pyridine	2.01	79	54483	26.25	ng		98
4) n-Nitrosodimethylamine	1.94	42	27503m	34.43	ng		
6) Aniline	6.27	93	53502	17.18	ng		91
8) 2-Chlorophenol	6.42	128	61840	29.85	ng		99
9) Benzaldehyde	6.12	77	12555	8.63	ng		95
10) Phenol	6.32	94	77339	29.40	ng		99
11) bis(2-Chloroethyl)ether	6.40	93	57127	30.19	ng		99
12) 1,3-Dichlorobenzene	6.60	146	63949	28.10	ng		97
13) 1,4-Dichlorobenzene	6.71	146	64908	28.34	ng		99
14) 1,2-Dichlorobenzene	6.89	146	62245	28.98	ng		98
15) Benzyl Alcohol	6.90	79	51669	33.49	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.07	45	75048	29.74	ng	#	26
17) 2-Methylphenol	7.07	107	48507	30.16	ng	#	90
18) Hexachloroethane	7.30	117	21304	27.58	ng	#	76
19) n-Nitroso-di-n-propylamine	7.23	70	44402	30.65	ng	#	90
20) 3+4-Methylphenols	7.27	107	65460	30.51	ng		96
22) Acetophenone	7.21	105	86879	30.47	ng	#	88
24) Nitrobenzene	7.42	77	62002	29.38	ng	#	84
25) Isophorone	7.72	82	115011	30.02	ng		97
26) 2-Nitrophenol	7.82	139	30732	30.56	ng		95
27) 2,4-Dimethylphenol	7.91	122	55913	29.90	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	73511	29.92	ng		99
29) 2,4-Dichlorophenol	8.12	162	53471	31.43	ng		94
30) 1,2,4-Trichlorobenzene	8.20	180	52706	27.02	ng	#	96
31) Naphthalene	8.30	128	182589	28.67	ng		99
32) Benzoic acid	8.03	122	18155	23.95	ng		93
33) 4-Chloroaniline	8.39	127	45744	17.31	ng		97
34) Hexachlorobutadiene	8.46	225	29302	27.36	ng		97
35) Caprolactam	8.81	113	16193	31.89	ng		92
36) 4-Chloro-3-methylphenol	9.02	107	54686	31.86	ng		97
37) 2-Methylnaphthalene	9.15	142	124007	28.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.36	216	54329	28.44	ng		99
40) Hexachlorocyclopentadiene	9.35	237	23361	32.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	39898	33.12	ng		99
43) 2,4,5-Trichlorophenol	9.56	196	40256	31.99	ng		94
45) 1,1'-Biphenyl	9.74	154	145273	28.81	ng		98
46) 2-Chloronaphthalene	9.75	162	113800	28.68	ng		98
47) 2-Nitroaniline	9.90	65	32399	33.00	ng	#	63
48) Acenaphthylene	10.25	152	186413	29.10	ng		100
49) Dimethylphthalate	10.14	163	161462	34.86	ng		98
50) 2,6-Dinitrotoluene	10.20	165	29355	30.81	ng	#	57
51) Acenaphthene	10.47	154	101146	28.04	ng		98
52) 3-Nitroaniline	10.40	138	26150	24.13	ng		92
53) 2,4-Dinitrophenol	10.55	184	10953	40.77	ng		94
54) Dibenzofuran	10.67	168	161469	29.31	ng		96
55) 4-Nitrophenol	10.65	139	45205m	57.47	ng		
56) 2,4-Dinitrotoluene	10.70	165	38763	31.41	ng	#	72
57) Fluorene	11.10	166	132697	29.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.85	232	31048	33.28	ng		99
59) Diethylphthalate	11.01	149	132514	29.67	ng		98
60) 4-Chlorophenyl-phenylether	11.12	204	61575	29.97	ng	#	90
61) 4-Nitroaniline	11.15	138	25887	23.63	ng		93
62) Azobenzene	11.31	77	141122	34.63	ng		87
64) 4,6-Dinitro-2-methylphenol	11.20	198	11080	23.78	ng	#	64
65) n-Nitrosodiphenylamine	11.27	169	114157	27.39	ng		99
66) 4-Bromophenyl-phenylether	11.71	248	36474	28.58	ng		93
67) Hexachlorobenzene	11.76	284	37363	26.72	ng	#	79
68) Atrazine	11.95	200	38425	31.83	ng		98
69) Pentachlorophenol	12.02	266	37710	62.67	ng		99
70) Phenanthrene	12.27	178	203051	29.13	ng		99
71) Anthracene	12.33	178	195524	28.47	ng		100
72) Carbazole	12.55	167	194640	30.24	ng		99
73) Di-n-butylphthalate	13.03	149	227607	31.21	ng		99
74) Fluoranthene	13.73	202	229738	31.25	ng		97
76) Benzidine	13.93	184	118249	22.95	ng		98
77) Pyrene	14.00	202	238152	28.35	ng		97
79) Butylbenzylphthalate	14.86	149	104391	32.60	ng		96
80) Benzo(a)anthracene	15.49	228	232117	29.15	ng		99
81) 3,3'-Dichlorobenzidine	15.47	252	71073	26.65	ng	#	96
82) Chrysene	15.52	228	201503	26.93	ng		99
83) Bis(2-ethylhexyl)phthalate	15.59	149	152762	30.42	ng	#	97
84) Di-n-octyl phthalate	16.38	149	276071	33.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.43	276	253462	29.86	ng	#	86
87) Benzo(b)fluoranthene	16.78	252	235115	27.10	ng		100
88) Benzo(k)fluoranthene	16.81	252	215502m	27.95	ng		
89) Benzo(a)pyrene	17.15	252	217756	28.76	ng		98
90) Dibenzo(a,h)anthracene	18.46	278	203526	26.85	ng		99
91) Benzo(g,h,i)perylene	18.75	276	205742	27.07	ng		99

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

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