Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078009.D
Acq On : 26 Mar 2015 21:50
Operator : TP/IZ
Sample : PB82242BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82242BS

Quant Time: Mar 27 05:50:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40600	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	174092	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	86865	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	171091	20.00	ng		-0.01
75) Chrysene-d12	15.96	240	198756	20.00	ng		-0.05
86) Perylene-d12	17.72	264	186731	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	269425	115.83	ng		0.00
7) Phenol-d6	6.67	99	319902	111.32	ng		-0.01
23) Nitrobenzene-d5	7.79	82	197368	74.32	ng		0.00
41) 2,4,6-Tribromophenol	11.83	330	87812	105.66	ng		0.00
44) 2-Fluorobiphenyl	10.02	172	439159	74.30	ng		0.00
78) Terphenyl-d14	14.67	244	543284	66.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	31716	30.03	ng	#	100
3) Pyridine	2.62	79	94182	33.19	ng		95
4) n-Nitrosodimethylamine	2.57	42	41810	33.84	ng		100
6) Aniline	6.68	93	83441	20.30	ng	#	57
8) 2-Chlorophenol	6.83	128	105392	38.07	ng		90
9) Benzaldehyde	6.54	77	4612	3.92	ng		92
10) Phenol	6.69	94	127332	37.48	ng	#	71
11) bis(2-Chloroethyl)ether	6.78	93	96309	37.85	ng		91
12) 1,3-Dichlorobenzene	7.01	146	109892	35.69	ng		98
13) 1,4-Dichlorobenzene	7.12	146	112267	35.09	ng		98
14) 1,2-Dichlorobenzene	7.30	146	108326	36.93	ng		98
15) Benzyl Alcohol	7.29	79	83598	37.27	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.46	45	126210	36.81	ng		99
17) 2-Methylphenol	7.44	107	86694	38.46	ng		97
18) Hexachloroethane	7.71	117	37776	36.00	ng		96
19) n-Nitroso-di-n-propylamine	7.62	70	74654	37.55	ng		94
20) 3+4-Methylphenols	7.63	107	115001	38.88	ng		93
22) Acetophenone	7.61	105	146086	37.91	ng	#	94
24) Nitrobenzene	7.81	77	107284	37.50	ng	#	89
25) Isophorone	8.11	82	190030	35.43	ng		93
26) 2-Nitrophenol	8.20	139	47129	33.65	ng	#	77
27) 2,4-Dimethylphenol	8.28	122	97407	38.17	ng		98
28) bis(2-Chloroethoxy)methane	8.40	93	120316	36.96	ng		99
29) 2,4-Dichlorophenol	8.51	162	93723	38.53	ng		97
30) 1,2,4-Trichlorobenzene	8.60	180	92421	33.96	ng		95
31) Naphthalene	8.69	128	304448	34.05	ng		100
32) Benzoic acid	8.40	122	35498	26.42	ng		98
33) 4-Chloroaniline	8.78	127	68759	18.95	ng		99
34) Hexachlorobutadiene	8.85	225	52254	33.87	ng		98
35) Caprolactam	9.21	113	28239	39.72	ng	#	81
36) 4-Chloro-3-methylphenol	9.39	107	91642	37.44	ng	#	81
37) 2-Methylnaphthalene	9.55	142	213133	35.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	90746	35.03	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	81740	63.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	63355	35.30	ng		98
43) 2,4,5-Trichlorophenol	9.96	196	70710	36.47	ng	#	90
45) 1,1'-Biphenyl	10.13	154	246669	35.52	ng		97
46) 2-Chloronaphthalene	10.16	162	207379	36.75	ng		95
47) 2-Nitroaniline	10.29	65	58482	41.73	ng		97
48) Acenaphthylene	10.66	152	322008	34.31	ng		100
49) Dimethylphthalate	10.53	163	249729	38.76	ng		99
50) 2,6-Dinitrotoluene	10.60	165	55065	41.23	ng		93
51) Acenaphthene	10.88	154	182507	33.92	ng		100
52) 3-Nitroaniline	10.81	138	42770	27.58	ng		99
53) 2,4-Dinitrophenol	10.95	184	29948	62.95	ng	#	67
54) Dibenzofuran	11.09	168	294579	36.91	ng		96
55) 4-Nitrophenol	11.04	139	84446	73.50	ng		90
56) 2,4-Dinitrotoluene	11.09	165	70098	40.25	ng		98
57) Fluorene	11.52	166	242942	36.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	57877	38.77	ng	#	100
59) Diethylphthalate	11.40	149	240880	38.37	ng		96
60) 4-Chlorophenyl-phenylether	11.53	204	106358	35.17	ng		90
61) 4-Nitroaniline	11.56	138	59035	38.19	ng		95
62) Azobenzene	11.72	77	224821	37.47	ng		93
64) 4,6-Dinitro-2-methylphenol	11.60	198	27733	35.55	ng		89
65) n-Nitrosodiphenylamine	11.68	169	206998	36.33	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	68699	37.63	ng	#	91
67) Hexachlorobenzene	12.19	284	73334	36.55	ng		94
68) Atrazine	12.36	200	68827	43.11	ng		98
69) Pentachlorophenol	12.44	266	63483	61.17	ng		98
70) Phenanthrene	12.71	178	379260	38.61	ng		100
71) Anthracene	12.77	178	376454	38.79	ng		99
72) Carbazole	12.98	167	365903	39.64	ng		99
73) Di-n-butylphthalate	13.44	149	400762	38.72	ng		99
74) Fluoranthene	14.18	202	426361	39.36	ng		99
76) Benzidine	14.36	184	130727	26.42	ng		99
77) Pyrene	14.45	202	432800	34.63	ng		99
79) Butylbenzylphthalate	15.29	149	180716	36.67	ng	#	81
80) Benzo(a)anthracene	15.95	228	414743	35.20	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	97466	25.08	ng	#	96
82) Chrysene	16.00	228	407481	38.46	ng		100
83) Bis(2-ethylhexyl)phthalate	16.02	149	264548	35.44	ng	#	95
84) Di-n-octyl phthalate	16.83	149	457463	35.84	ng		99
85) Indeno(1,2,3-cd)pyrene	19.08	276	436069	32.98	ng	#	100
87) Benzo(b)fluoranthene	17.27	252	476409	39.08	ng		98
88) Benzo(k)fluoranthene	17.30	252	330782m	34.74	ng		
89) Benzo(a)pyrene	17.65	252	401679	39.49	ng	#	97
90) Dibenzo(a,h)anthracene	19.11	278	363924	36.07	ng		97
91) Benzo(g,h,i)perylene	19.48	276	370485	36.07	ng		99

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

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