Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077381.D
Acq On : 20 Feb 2015 14:55
Operator : TP/IZ
Sample : PB81784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81784BS

Quant Time: Feb 21 00:22:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	82527	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	337456	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	181526	20.00	ng		0.00
63) Phenanthrene-d10	12.92	188	368168	20.00	ng		-0.01
75) Chrysene-d12	16.23	240	382003	20.00	ng		0.00
86) Perylene-d12	17.94	264	357151	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	585266	118.39	ng		0.00
7) Phenol-d6	6.88	99	721434	113.51	ng		0.00
23) Nitrobenzene-d5	8.02	82	423868	78.11	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	229553	131.33	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	1038422	89.20	ng		0.00
78) Terphenyl-d14	14.92	244	1295089	79.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	67810	32.33	ng		100
3) Pyridine	3.05	79	200308	33.38	ng		99
4) n-Nitrosodimethylamine	2.98	42	99085	37.98	ng		97
6) Aniline	6.91	93	94506	10.76	ng		96
8) 2-Chlorophenol	7.06	128	224485	38.49	ng		93
9) Benzaldehyde	6.77	77	8611	2.23	ng		87
10) Phenol	6.90	94	258015	34.21	ng		95
11) bis(2-Chloroethyl)ether	7.01	93	197089	36.37	ng		86
12) 1,3-Dichlorobenzene	7.25	146	234361	36.91	ng		96
13) 1,4-Dichlorobenzene	7.36	146	232981	36.07	ng		97
14) 1,2-Dichlorobenzene	7.54	146	223027	36.29	ng		96
15) Benzyl Alcohol	7.50	79	181548	37.57	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	299964	38.72	ng		96
17) 2-Methylphenol	7.64	107	172307	37.80	ng		94
18) Hexachloroethane	7.95	117	79732	36.95	ng	#	80
19) n-Nitroso-di-n-propylamine	7.85	70	153131	37.94	ng	#	90
20) 3+4-Methylphenols	7.84	107	229566	38.24	ng	#	72
22) Acetophenone	7.84	105	304060	38.30	ng	#	93
24) Nitrobenzene	8.04	77	223786	39.20	ng		87
25) Isophorone	8.34	82	406493	37.76	ng		95
26) 2-Nitrophenol	8.44	139	87245	37.28	ng	#	86
27) 2,4-Dimethylphenol	8.49	122	198683	37.95	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	263300	38.71	ng		99
29) 2,4-Dichlorophenol	8.73	162	198025	40.29	ng		93
30) 1,2,4-Trichlorobenzene	8.84	180	201892	37.37	ng		96
31) Naphthalene	8.93	128	654525	38.79	ng		99
32) Benzoic acid	8.59	122	102975	40.48	ng		99
33) 4-Chloroaniline	9.00	127	79971	10.66	ng	#	92
34) Hexachlorobutadiene	9.09	225	118324	38.36	ng		99
35) Caprolactam	9.42	113	60368	40.24	ng		97
36) 4-Chloro-3-methylphenol	9.61	107	205716	41.64	ng		92
37) 2-Methylnaphthalene	9.79	142	457314	38.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	209372	40.20	ng		99
40) Hexachlorocyclopentadiene	9.98	237	228486	81.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	150064	43.51	ng		97
43) 2,4,5-Trichlorophenol	10.18	196	153299	41.56	ng	#	83
45) 1,1'-Biphenyl	10.37	154	575335	41.83	ng		97
46) 2-Chloronaphthalene	10.40	162	460657	42.71	ng		97
47) 2-Nitroaniline	10.52	65	122040	45.97	ng		85
48) Acenaphthylene	10.91	152	753587	44.13	ng		99
49) Dimethylphthalate	10.76	163	567473	44.47	ng		99
50) 2,6-Dinitrotoluene	10.83	165	116330	45.46	ng	#	63
51) Acenaphthene	11.13	154	427316	41.94	ng		99
52) 3-Nitroaniline	11.02	138	45324	15.36	ng		89
53) 2,4-Dinitrophenol	11.16	184	71688	92.07	ng	#	64
54) Dibenzofuran	11.34	168	665164	42.28	ng		94
55) 4-Nitrophenol	11.24	139	201996	85.12	ng		98
56) 2,4-Dinitrotoluene	11.32	165	153322	44.34	ng	#	66
57) Fluorene	11.77	166	553788	44.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	129770	43.76	ng		97
59) Diethylphthalate	11.64	149	573388	45.58	ng		98
60) 4-Chlorophenyl-phenylether	11.78	204	259821	42.87	ng		92
61) 4-Nitroaniline	11.79	138	114985	40.66	ng		90
62) Azobenzene	11.97	77	519614	43.54	ng		91
64) 4,6-Dinitro-2-methylphenol	11.82	198	52978	36.99	ng	#	56
65) n-Nitrosodiphenylamine	11.92	169	472164	38.65	ng		99
66) 4-Bromophenyl-phenylether	12.38	248	170080	39.45	ng	#	88
67) Hexachlorobenzene	12.44	284	184241	39.81	ng	#	83
68) Atrazine	12.59	200	165842	41.76	ng		99
69) Pentachlorophenol	12.68	266	191999	78.94	ng		98
70) Phenanthrene	12.96	178	811463	38.03	ng		99
71) Anthracene	13.03	178	836261	39.49	ng		99
72) Carbazole	13.22	167	755970	37.55	ng		98
73) Di-n-butylphthalate	13.68	149	962774	40.72	ng		99
74) Fluoranthene	14.44	202	898400	38.54	ng		97
76) Benzidine	14.61	184	253987	19.68	ng		98
77) Pyrene	14.72	202	926229	39.64	ng		99
79) Butylbenzylphthalate	15.54	149	400702	41.68	ng	#	84
80) Benzo(a)anthracene	16.20	228	861792	38.49	ng		100
81) 3,3'-Dichlorobenzidine	16.18	252	134709	16.42	ng	#	97
82) Chrysene	16.25	228	804036	38.25	ng		99
83) Bis(2-ethylhexyl)phthalate	16.26	149	637137	41.33	ng	#	95
84) Di-n-octyl phthalate	17.05	149	1070141	41.58	ng		100
85) Indeno(1,2,3-cd)pyrene	19.44	276	874840	36.50	ng		100
87) Benzo(b)fluoranthene	17.49	252	967572	46.59	ng	#	97
88) Benzo(k)fluoranthene	17.53	252	692811m	34.04	ng		
89) Benzo(a)pyrene	17.87	252	782364	39.55	ng	#	97
90) Dibenzo(a,h)anthracene	19.47	278	742017	39.33	ng		98
91) Benzo(g,h,i)perylene	19.88	276	739365	38.83	ng		95

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

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