Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
Data File : BF079809.D
Acq On : 7 Jun 2015 12:30
Operator : TP/IZ
Sample : G2550-02MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-039MSD

Quant Time: Jun 09 12:55:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 01:08:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	52665	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	133866	20.00	ng		0.00
38) Acenaphthene-d10	10.55	164	66675	20.00	ng		0.00
63) Phenanthrene-d10	12.06	188	131341	20.00	ng		0.00
75) Chrysene-d12	14.96	240	138834	20.00	ng		-0.02
86) Perylene-d12	16.87	264	127767	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	282378	89.87	ng		0.00
7) Phenol-d6	7.07	99	393609	96.99	ng		0.00
23) Nitrobenzene-d5	8.03	82	121442	55.70	ng		0.00
41) 2,4,6-Tribromophenol	11.34	330	57823	90.67	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	284418	57.79	ng		0.00
78) Terphenyl-d14	13.71	244	336917	55.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	30380	21.85	ng		98
3) Pyridine	4.26	79	89348	22.98	ng		98
4) n-Nitrosodimethylamine	4.17	42	48277	28.61	ng		91
6) Aniline	7.13	93	130244	22.11	ng		99
8) 2-Chlorophenol	7.26	128	101964	29.98	ng		99
9) Benzaldehyde	7.02	77	6198	2.36	ng		97
10) Phenol	7.08	94	132647	30.03	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	110451	32.24	ng		99
12) 1,3-Dichlorobenzene	7.42	146	105434	24.76	ng		98
13) 1,4-Dichlorobenzene	7.50	146	113520	25.12	ng		99
14) 1,2-Dichlorobenzene	7.66	146	63527	15.05	ng		98
15) Benzyl Alcohol	7.60	79	53735	16.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	81356	15.70	ng		97
17) 2-Methylphenol	7.70	107	47138	14.86	ng		99
18) Hexachloroethane	8.00	117	21593	16.45	ng		98
19) n-Nitroso-di-n-propylamine	7.86	70	47190	16.76	ng		93
20) 3+4-Methylphenols	7.85	107	67716	16.75	ng		97
22) Acetophenone	7.87	105	92849	29.08	ng	#	96
24) Nitrobenzene	8.04	77	59515	27.37	ng		99
25) Isophorone	8.28	82	130260	29.27	ng		99
26) 2-Nitrophenol	8.38	139	20721	22.62	ng	#	92
27) 2,4-Dimethylphenol	8.39	122	59425	28.83	ng		93
28) bis(2-Chloroethoxy)methane	8.49	93	65124	23.68	ng	#	97
29) 2,4-Dichlorophenol	8.60	162	52717	28.51	ng		98
30) 1,2,4-Trichlorobenzene	8.71	180	60975	27.15	ng		97
31) Naphthalene	8.79	128	182142m	25.94	ng		
32) Benzoic acid	8.40	122	1331m	5.77	ng		
33) 4-Chloroaniline	8.82	127	63373m	17.76	ng		
34) Hexachlorobutadiene	8.91	225	33276	24.36	ng		96
35) Caprolactam	9.15	113	14045	24.94	ng	#	79
36) 4-Chloro-3-methylphenol	9.29	107	54321	26.29	ng		96
37) 2-Methylnaphthalene	9.48	142	134066	30.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	61399	29.57	ng		98
40) Hexachlorocyclopentadiene	9.64	237	60271	67.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	35000	25.34	ng		98
43) 2,4,5-Trichlorophenol	9.79	196	42245	29.07	ng		98
45) 1,1'-Biphenyl	9.94	154	148876	25.67	ng		96
46) 2-Chloronaphthalene	9.98	162	117178	24.74	ng		99
47) 2-Nitroaniline	10.06	65	26762	26.94	ng		98
48) Acenaphthylene	10.40	152	190908	24.38	ng		99
49) Dimethylphthalate	10.23	163	184681	35.96	ng		99
50) 2,6-Dinitrotoluene	10.30	165	25968	33.08	ng	#	85
51) Acenaphthene	10.57	154	113579	25.61	ng		94
52) 3-Nitroaniline	10.47	138	26678	24.59	ng		95
53) 2,4-Dinitrophenol	10.57	184	10196	46.94	ng		89
54) Dibenzofuran	10.75	168	169611	27.01	ng		98
55) 4-Nitrophenol	10.60	139	46645	57.57	ng		89
56) 2,4-Dinitrotoluene	10.71	165	28433	30.91	ng	#	97
57) Fluorene	11.10	166	147493	27.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	29683	25.24	ng		95
59) Diethylphthalate	10.94	149	154308	30.72	ng		98
60) 4-Chlorophenyl-phenylether	11.07	204	63862	25.92	ng		95
61) 4-Nitroaniline	11.08	138	29419	30.01	ng		95
62) Azobenzene	11.23	77	126306	24.89	ng		99
64) 4,6-Dinitro-2-methylphenol	11.12	198	8560	30.46	ng		84
65) n-Nitrosodiphenylamine	11.19	169	122036	27.82	ng		99
66) 4-Bromophenyl-phenylether	11.58	248	41395	29.11	ng		91
67) Hexachlorobenzene	11.66	284	45023	28.15	ng	#	73
68) Atrazine	11.70	200	37707	28.60	ng		94
69) Pentachlorophenol	11.84	266	35385	49.82	ng		98
70) Phenanthrene	12.08	178	207044	26.92	ng		99
71) Anthracene	12.12	178	204369	26.95	ng		99
72) Carbazole	12.27	167	201159	27.92	ng		98
73) Di-n-butylphthalate	12.59	149	237924	29.12	ng	#	81
74) Fluoranthene	13.33	202	232018	27.56	ng		96
76) Benzidine	13.43	184	116007	26.48	ng		97
77) Pyrene	13.58	202	233086	27.38	ng		97
79) Butylbenzylphthalate	14.24	149	91225	26.88	ng		96
80) Benzo(a)anthracene	14.95	228	216702	25.50	ng		99
81) 3,3'-Dichlorobenzidine	14.89	252	62535	21.66	ng		100
82) Chrysene	14.99	228	211751	26.95	ng		98
83) Bis(2-ethylhexyl)phthalate	14.90	149	137174	25.59	ng	#	94
84) Di-n-octyl phthalate	15.69	149	226724	24.01	ng	#	95
85) Indeno(1,2,3-cd)pyrene	18.85	276	208202	22.89	ng		98
87) Benzo(b)fluoranthene	16.30	252	198499m	25.01	ng		
88) Benzo(k)fluoranthene	16.34	252	203713m	26.76	ng		
89) Benzo(a)pyrene	16.79	252	193302	26.38	ng		99
90) Dibenzo(a,h)anthracene	18.87	278	169058	23.91	ng		97
91) Benzo(g,h,i)perylene	19.44	276	177865	24.33	ng		97

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

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