Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079346.D
Acq On : 19 May 2015 17:15
Operator : TP/IZ
Sample : G2265-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7-5-14-15MSD

Quant Time: May 20 05:39:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41187	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	174813	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	85341	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	163875	20.00	ng		0.00
75) Chrysene-d12	16.01	240	173646	20.00	ng		-0.01
86) Perylene-d12	17.81	264	177954	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	155617m	65.04	ng		0.00
7) Phenol-d6	6.70	99	127379	40.28	ng		-0.01
23) Nitrobenzene-d5	7.83	82	289443	95.16	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	154386	167.22	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	598429	97.69	ng		0.00
78) Terphenyl-d14	14.71	244	675891	93.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	21969m	21.12	ng		
3) Pyridine	2.73	79	42776m	14.05	ng		
4) n-Nitrosodimethylamine	2.63	42	23210m	17.79	ng		
6) Aniline	6.72	93	96519	21.62	ng	#	73
8) 2-Chlorophenol	6.86	128	106610	39.28	ng		95
9) Benzaldehyde	6.57	77	30687m	14.40	ng		
10) Phenol	6.72	94	51532	14.05	ng	#	20
11) bis(2-Chloroethyl)ether	6.82	93	130230	48.42	ng		97
12) 1,3-Dichlorobenzene	7.05	146	127866	41.92	ng	#	96
13) 1,4-Dichlorobenzene	7.15	146	127197	40.52	ng		96
14) 1,2-Dichlorobenzene	7.34	146	122473	41.91	ng		95
15) Benzyl Alcohol	7.31	79	66693	28.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.50	45	193502	47.02	ng		97
17) 2-Methylphenol	7.46	107	71705	32.83	ng	#	94
18) Hexachloroethane	7.75	117	44657	41.30	ng		95
19) n-Nitroso-di-n-propylamine	7.64	70	99970	46.80	ng		95
20) 3+4-Methylphenols	7.66	107	84933	29.19	ng	#	48
22) Acetophenone	7.64	105	212507	53.81	ng	#	80
24) Nitrobenzene	7.85	77	143213	47.50	ng	#	77
25) Isophorone	8.15	82	274276	48.64	ng		97
26) 2-Nitrophenol	8.24	139	67169	53.83	ng		93
27) 2,4-Dimethylphenol	8.31	122	109310	43.77	ng		95
28) bis(2-Chloroethoxy)methane	8.43	93	167870	48.29	ng		99
29) 2,4-Dichlorophenol	8.54	162	108831	49.01	ng		97
30) 1,2,4-Trichlorobenzene	8.64	180	108535	44.50	ng		97
31) Naphthalene	8.73	128	381494	45.80	ng		99
32) Benzoic acid	8.40	122	21576m	18.29	ng		
33) 4-Chloroaniline	8.81	127	115203	32.69	ng	#	91
34) Hexachlorobutadiene	8.89	225	55539	39.54	ng		97
35) Caprolactam	9.23	113	5005	6.97	ng		94
36) 4-Chloro-3-methylphenol	9.42	107	107656	46.16	ng		89
37) 2-Methylnaphthalene	9.59	142	274891	47.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	109238	45.45	ng		98
40) Hexachlorocyclopentadiene	9.78	237	85856	71.04	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	79485	48.10	ng		97
43) 2,4,5-Trichlorophenol	9.99	196	83339	49.89	ng	#	87
45) 1,1'-Biphenyl	10.17	154	333106	49.10	ng		97
46) 2-Chloronaphthalene	10.19	162	262977	49.69	ng		93
47) 2-Nitroaniline	10.33	65	80475	52.48	ng	#	51
48) Acenaphthylene	10.70	152	425940	49.02	ng		98
49) Dimethylphthalate	10.56	163	322116	51.43	ng		99
50) 2,6-Dinitrotoluene	10.64	165	69801	56.47	ng	#	82
51) Acenaphthene	10.91	154	248255	47.91	ng		100
52) 3-Nitroaniline	10.83	138	52971	34.31	ng		99
53) 2,4-Dinitrophenol	10.98	184	52592	91.19	ng	#	52
54) Dibenzofuran	11.13	168	378388	50.56	ng		100
55) 4-Nitrophenol	11.06	139	35372	28.94	ng	#	85
56) 2,4-Dinitrotoluene	11.13	165	85543	52.35	ng	#	44
57) Fluorene	11.55	166	317369	51.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69533	50.93	ng		99
59) Diethylphthalate	11.44	149	322827	52.03	ng		100
60) 4-Chlorophenyl-phenylether	11.57	204	140285	51.48	ng		99
61) 4-Nitroaniline	11.59	138	70364	45.55	ng		99
62) Azobenzene	11.76	77	319455	52.25	ng		98
64) 4,6-Dinitro-2-methylphenol	11.63	198	37314	52.56	ng	#	31
65) n-Nitrosodiphenylamine	11.71	169	259780	47.60	ng		98
66) 4-Bromophenyl-phenylether	12.17	248	88298	51.69	ng		94
67) Hexachlorobenzene	12.23	284	96326	49.34	ng		91
68) Atrazine	12.40	200	82125	51.75	ng		92
69) Pentachlorophenol	12.48	266	97351	84.78	ng		97
70) Phenanthrene	12.74	178	440322	48.03	ng		100
71) Anthracene	12.81	178	465464	51.75	ng		99
72) Carbazole	13.02	167	443768	51.77	ng		100
73) Di-n-butylphthalate	13.47	149	563786	54.84	ng		99
74) Fluoranthene	14.22	202	495579	51.88	ng		99
76) Benzidine	14.40	184	70271	15.02	ng		98
77) Pyrene	14.50	202	514319	51.40	ng		99
79) Butylbenzylphthalate	15.34	149	252362	57.70	ng		89
80) Benzo(a)anthracene	16.00	228	474150	49.86	ng		100
81) 3,3'-Dichlorobenzidine	15.98	252	134025	39.57	ng	#	96
82) Chrysene	16.05	228	449772	49.18	ng		100
83) Bis(2-ethylhexyl)phthalate	16.07	149	388237	58.60	ng		99
84) Di-n-octyl phthalate	16.89	149	641690	55.00	ng		97
85) Indeno(1,2,3-cd)pyrene	19.19	276	613145	52.62	ng		99
87) Benzo(b)fluoranthene	17.34	252	538138	55.25	ng		99
88) Benzo(k)fluoranthene	17.37	252	453341	48.08	ng	#	97
89) Benzo(a)pyrene	17.74	252	488067	54.42	ng		99
90) Dibenzo(a,h)anthracene	19.21	278	507933	53.29	ng		97
91) Benzo(g,h,i)perylene	19.60	276	513800	53.78	ng		97

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

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