Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082866.D
Acq On : 10 Nov 2015 11:10
Operator : UM/IZ
Sample : G4327-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1MSD

Quant Time: Nov 10 13:28:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	212637	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	761174	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	326407	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	557349	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	434536	20.00	ng		-0.02
86) Perylene-d12	15.43	264	377174	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1883436	137.82	ng		0.01
7) Phenol-d6	6.49	99	2399795	132.09	ng		0.01
23) Nitrobenzene-d5	7.40	82	1564864	89.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	425106	113.59	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1957467	85.95	ng		-0.02
78) Terphenyl-d14	12.95	244	1607466	87.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	273429	46.37	ng		96
3) Pyridine	3.21	79	770363	45.02	ng		94
4) n-Nitrosodimethylamine	3.16	42	390896	46.06	ng	#	75
6) Aniline	6.50	93	563843	22.10	ng	#	1
8) 2-Chlorophenol	6.62	128	709573	46.84	ng		89
9) Benzaldehyde	6.37	77	75080	7.48	ng		82
10) Phenol	6.50	94	1059889	51.41	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	717370	46.53	ng		95
12) 1,3-Dichlorobenzene	6.77	146	693157m	40.57	ng		
13) 1,4-Dichlorobenzene	6.85	146	784218	44.11	ng		95
14) 1,2-Dichlorobenzene	7.00	146	659229	40.78	ng		94
15) Benzyl Alcohol	6.98	79	631789	39.60	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1048398	46.36	ng		86
17) 2-Methylphenol	7.10	107	613919	47.84	ng		98
18) Hexachloroethane	7.34	117	245998	38.69	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	583312	43.68	ng	#	79
20) 3+4-Methylphenols	7.25	107	668308	40.06	ng		92
22) Acetophenone	7.24	105	995539	45.65	ng	#	96
24) Nitrobenzene	7.42	77	862720	48.23	ng		95
25) Isophorone	7.66	82	1467254	45.33	ng		96
26) 2-Nitrophenol	7.73	139	313277	41.95	ng	#	79
27) 2,4-Dimethylphenol	7.79	122	641258	47.79	ng		88
28) bis(2-Chloroethoxy)methane	7.87	93	824634	45.17	ng		99
29) 2,4-Dichlorophenol	7.98	162	569791	46.99	ng		91
30) 1,2,4-Trichlorobenzene	8.06	180	583801	42.81	ng		97
31) Naphthalene	8.14	128	1779317	42.37	ng		99
32) Benzoic acid	7.90	122	255869	27.85	ng		90
33) 4-Chloroaniline	8.19	127	212595m	11.75	ng		
34) Hexachlorobutadiene	8.27	225	365061	42.78	ng		98
35) Caprolactam	8.56	113	188505	49.31	ng		89
36) 4-Chloro-3-methylphenol	8.69	107	625896	43.89	ng	#	76
37) 2-Methylnaphthalene	8.84	142	1158623m	42.65	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	500011	46.62	ng		98
40) Hexachlorocyclopentadiene	8.99	237	221900	38.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	367033	45.84	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	366995	46.34	ng		94
45) 1,1'-Biphenyl	9.30	154	1249268	44.60	ng		97
46) 2-Chloronaphthalene	9.32	162	1001338	45.83	ng		97
47) 2-Nitroaniline	9.41	65	355934	43.92	ng		88
48) Acenaphthylene	9.73	152	1509197	44.08	ng		99
49) Dimethylphthalate	9.61	163	1813805	67.82	ng		99
50) 2,6-Dinitrotoluene	9.66	165	312601	54.78	ng	#	61
51) Acenaphthene	9.90	154	940087	43.32	ng		100
52) 3-Nitroaniline	9.82	138	215530	34.34	ng	#	79
53) 2,4-Dinitrophenol	9.93	184	65384	20.87	ng	#	16
54) Dibenzofuran	10.08	168	1334333	45.61	ng		94
55) 4-Nitrophenol	10.00	139	365109	75.84	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	406981	52.57	ng	#	70
57) Fluorene	10.42	166	950479	40.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	304270	47.08	ng	#	88
59) Diethylphthalate	10.30	149	1272989	48.75	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	521228	43.97	ng		99
61) 4-Nitroaniline	10.44	138	258542	40.97	ng	#	62
62) Azobenzene	10.58	77	1348393	48.07	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	54602	13.75	ng		74
65) n-Nitrosodiphenylamine	10.53	169	887067	44.06	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	293209	43.69	ng		95
67) Hexachlorobenzene	10.97	284	306394	40.89	ng		93
68) Atrazine	11.07	200	305109	49.00	ng		90
69) Pentachlorophenol	11.16	266	324344	71.28	ng		97
70) Phenanthrene	11.38	178	1386344	42.83	ng		99
71) Anthracene	11.44	178	1454033	42.65	ng		98
72) Carbazole	11.58	167	1260531	42.24	ng		99
73) Di-n-butylphthalate	11.93	149	1639533	44.09	ng	#	98
74) Fluoranthene	12.57	202	1468190	42.27	ng		99
76) Benzidine	12.68	184	360019	24.72	ng		99
77) Pyrene	12.80	202	1509291	50.58	ng		99
79) Butylbenzylphthalate	13.43	149	641672	48.67	ng	#	72
80) Benzo(a)anthracene	13.99	228	1212097	44.61	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	373833	38.70	ng	#	94
82) Chrysene	14.02	228	1120302	45.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	813095	45.06	ng		99
84) Di-n-octyl phthalate	14.61	149	1519714	50.49	ng		96
85) Indeno(1,2,3-cd)pyrene	16.82	276	946501	44.16	ng	#	95
87) Benzo(b)fluoranthene	15.03	252	1171714m	48.40	ng		
88) Benzo(k)fluoranthene	15.05	252	968405m	45.09	ng		
89) Benzo(a)pyrene	15.37	252	989067	47.15	ng	#	97
90) Dibenzo(a,h)anthracene	16.83	278	797359	44.89	ng	#	97
91) Benzo(g,h,i)perylene	17.23	276	772586	45.41	ng	#	95

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

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