Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082889.D
Acq On : 11 Nov 2015 00:38
Operator : UM/IZ
Sample : G4246-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14CMSD

Quant Time: Nov 13 18:27:18 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	6.82	152	257148	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	974064	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	482241	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	887892	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	606969	20.00	ng		-0.03
86) Perylene-d12	15.39	264	587865	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2025984	122.59	ng		-0.01
7) Phenol-d6	6.46	99	2514487	114.44	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1822910	81.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	608807	110.10	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	2051966	60.99	ng		-0.03
78) Terphenyl-d14	12.93	244	2091803	81.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	266675	37.40	ng		96
3) Pyridine	3.15	79	794421	38.39	ng		97
4) n-Nitrosodimethylamine	3.10	42	371063	36.16	ng	#	75
6) Aniline	6.48	93	712320	23.09	ng	#	1
8) 2-Chlorophenol	6.60	128	678535	37.04	ng	#	77
9) Benzaldehyde	6.35	77	245893	20.26	ng		97
10) Phenol	6.48	94	819383	32.87	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	731315	39.23	ng		91
12) 1,3-Dichlorobenzene	6.76	146	780914m	37.79	ng		
13) 1,4-Dichlorobenzene	6.83	146	720385	33.51	ng		98
14) 1,2-Dichlorobenzene	6.99	146	746038	38.16	ng		98
15) Benzyl Alcohol	6.97	79	763983	39.59	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1168006	42.71	ng		97
17) 2-Methylphenol	7.08	107	624562	40.25	ng		98
18) Hexachloroethane	7.33	117	272377	35.42	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	554787	34.35	ng		88
20) 3+4-Methylphenols	7.24	107	781462	38.73	ng	#	72
22) Acetophenone	7.23	105	1050050	37.62	ng	#	95
24) Nitrobenzene	7.40	77	808453	35.31	ng		92
25) Isophorone	7.65	82	1645544	39.73	ng	#	94
26) 2-Nitrophenol	7.72	139	408503	42.75	ng	#	70
27) 2,4-Dimethylphenol	7.77	122	655930	38.20	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	920502	39.40	ng		98
29) 2,4-Dichlorophenol	7.97	162	666021	42.92	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	653825	37.47	ng		94
31) Naphthalene	8.13	128	2020713	37.60	ng		99
32) Benzoic acid	7.87	122	159506	13.57	ng	#	80
33) 4-Chloroaniline	8.18	127	275908m	11.91	ng		
34) Hexachlorobutadiene	8.26	225	373435	34.20	ng		97
35) Caprolactam	8.56	113	222496m	45.48	ng		
36) 4-Chloro-3-methylphenol	8.67	107	712732	39.06	ng		89
37) 2-Methylnaphthalene	8.82	142	1244926	35.81	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	634714	40.05	ng		98
40) Hexachlorocyclopentadiene	8.98	237	424199	49.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	498975	42.18	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	480729	41.09	ng	#	78
45) 1,1'-Biphenyl	9.29	154	1616160	39.06	ng		98
46) 2-Chloronaphthalene	9.31	162	1296314	40.16	ng		100
47) 2-Nitroaniline	9.40	65	446182	37.26	ng	#	84
48) Acenaphthylene	9.72	152	1784330	35.27	ng		100
49) Dimethylphthalate	9.60	163	2175235	55.05	ng		99
50) 2,6-Dinitrotoluene	9.65	165	378123	44.85	ng	#	66
51) Acenaphthene	9.89	154	1182007	36.87	ng		99
52) 3-Nitroaniline	9.81	138	252130	27.19	ng	#	83
53) 2,4-Dinitrophenol	9.92	184	191153	41.30	ng	#	24
54) Dibenzofuran	10.06	168	1601997	37.06	ng		94
55) 4-Nitrophenol	9.98	139	496128	69.75	ng	#	81
56) 2,4-Dinitrotoluene	10.05	165	466218	40.76	ng		91
57) Fluorene	10.41	166	1197606	34.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	402133	42.11	ng	#	88
59) Diethylphthalate	10.29	149	1485454	38.51	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	662197	37.81	ng		93
61) 4-Nitroaniline	10.43	138	316480	33.94	ng	#	79
62) Azobenzene	10.57	77	1715445	41.40	ng		93
64) 4,6-Dinitro-2-methylphenol	10.46	198	229501	36.28	ng		78
65) n-Nitrosodiphenylamine	10.52	169	1093526	34.09	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	383491	35.87	ng	#	72
67) Hexachlorobenzene	10.96	284	414799	34.75	ng	#	86
68) Atrazine	11.06	200	470468	47.43	ng		95
69) Pentachlorophenol	11.15	266	479902	66.20	ng		98
70) Phenanthrene	11.37	178	1841357	35.71	ng		100
71) Anthracene	11.42	178	2016852	37.13	ng		98
72) Carbazole	11.57	167	1734170	36.48	ng		99
73) Di-n-butylphthalate	11.92	149	2361101	39.86	ng		98
74) Fluoranthene	12.56	202	2119043	38.30	ng		99
76) Benzidine	12.67	184	584383	28.73	ng		99
77) Pyrene	12.79	202	2159052	51.80	ng		99
79) Butylbenzylphthalate	13.41	149	1003803	54.51	ng	#	74
80) Benzo(a)anthracene	13.97	228	1603063	42.24	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	374231	27.73	ng	#	98
82) Chrysene	14.01	228	1463959	42.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1286700	51.05	ng		100
84) Di-n-octyl phthalate	14.59	149	2242142	53.33	ng		97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1440047	48.10	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	1653614m	43.82	ng		
88) Benzo(k)fluoranthene	15.03	252	1010330m	30.18	ng		
89) Benzo(a)pyrene	15.35	252	1275606	39.02	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1202345	43.43	ng		98
91) Benzo(g,h,i)perylene	17.20	276	1185944	44.73	ng		99

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

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