Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083061.D
Acq On : 20 Nov 2015 4:24
Operator : UM/IZ
Sample : G4436-11MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-1350MSD

Quant Time: Nov 20 08:00:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	140516	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	512078	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	273210	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	497744	20.00	ng		0.00
75) Chrysene-d12	13.86	240	460181	20.00	ng		0.00
86) Perylene-d12	15.23	264	410997	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1098232	121.39	ng		0.03
7) Phenol-d6	6.36	99	1296934	108.84	ng		0.01
23) Nitrobenzene-d5	7.28	82	1087559	97.23	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	352443	121.50	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1584360	78.10	ng		-0.01
78) Terphenyl-d14	12.81	244	1628978	83.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	142766	34.80	ng		98
3) Pyridine	3.00	79	349182m	31.40	ng		
4) n-Nitrosodimethylamine	2.91	42	216059	38.41	ng		97
6) Aniline	6.36	93	206801	12.69	ng	#	54
8) 2-Chlorophenol	6.50	128	388693	38.52	ng		84
9) Benzaldehyde	6.25	77	233091	37.86	ng		82
10) Phenol	6.37	94	511626	36.85	ng		92
11) bis(2-Chloroethyl)ether	6.44	93	453976	45.00	ng		98
12) 1,3-Dichlorobenzene	6.65	146	399765	35.39	ng		98
13) 1,4-Dichlorobenzene	6.72	146	386463	33.78	ng		98
14) 1,2-Dichlorobenzene	6.88	146	412297	39.00	ng		98
15) Benzyl Alcohol	6.85	79	395594	40.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	644138	40.96	ng		87
17) 2-Methylphenol	6.98	107	339621	40.31	ng		98
18) Hexachloroethane	7.22	117	150403	35.77	ng	#	89
19) n-Nitroso-di-n-propylamine	7.13	70	324975	37.32	ng		99
20) 3+4-Methylphenols	7.14	107	443214	40.35	ng		98
22) Acetophenone	7.12	105	606197	42.26	ng		98
24) Nitrobenzene	7.29	77	449383	39.83	ng		99
25) Isophorone	7.54	82	907441	43.01	ng		98
26) 2-Nitrophenol	7.61	139	205511	41.65	ng		95
27) 2,4-Dimethylphenol	7.66	122	379705	46.57	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	558152	47.22	ng		99
29) 2,4-Dichlorophenol	7.86	162	369794	46.79	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	374510	42.78	ng		98
31) Naphthalene	8.01	128	1113806	41.75	ng		99
32) Benzoic acid	7.80	122	203739	41.08	ng		97
33) 4-Chloroaniline	8.06	127	125651	10.83	ng		92
34) Hexachlorobutadiene	8.14	225	217598	39.78	ng		98
35) Caprolactam	8.44	113	94758m	37.71	ng		
36) 4-Chloro-3-methylphenol	8.57	107	410297	44.90	ng		93
37) 2-Methylnaphthalene	8.70	142	756331	42.58	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	375950	41.73	ng		100
40) Hexachlorocyclopentadiene	8.86	237	344835	82.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	261401	39.99	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	282828	43.39	ng		99
45) 1,1'-Biphenyl	9.17	154	986767	41.05	ng		99
46) 2-Chloronaphthalene	9.20	162	796076	43.53	ng		97
47) 2-Nitroaniline	9.29	65	255832	37.08	ng		94
48) Acenaphthylene	9.61	152	1198374	39.81	ng		99
49) Dimethylphthalate	9.48	163	885538	39.38	ng		100
50) 2,6-Dinitrotoluene	9.54	165	219771	45.34	ng		97
51) Acenaphthene	9.78	154	746823	39.25	ng		99
52) 3-Nitroaniline	9.70	138	93467	16.90	ng		93
53) 2,4-Dinitrophenol	9.81	184	226969	91.89	ng	#	72
54) Dibenzofuran	9.95	168	1008136	39.54	ng		100
55) 4-Nitrophenol	9.88	139	269658	71.05	ng	#	73
56) 2,4-Dinitrotoluene	9.94	165	249514	38.46	ng		89
57) Fluorene	10.29	166	860864	41.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	239803	45.51	ng		99
59) Diethylphthalate	10.18	149	855834	39.03	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	409474	42.62	ng		96
61) 4-Nitroaniline	10.32	138	183553	32.50	ng		96
62) Azobenzene	10.44	77	1051319	42.80	ng		83
64) 4,6-Dinitro-2-methylphenol	10.35	198	153899	48.50	ng		80
65) n-Nitrosodiphenylamine	10.41	169	682916	39.15	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	234965	40.76	ng		97
67) Hexachlorobenzene	10.84	284	274485	43.53	ng		95
68) Atrazine	10.94	200	255512	46.76	ng		96
69) Pentachlorophenol	11.04	266	286540	89.04	ng		98
70) Phenanthrene	11.25	178	1340765	44.65	ng		99
71) Anthracene	11.30	178	1222984	40.43	ng		100
72) Carbazole	11.46	167	1245438	47.10	ng		99
73) Di-n-butylphthalate	11.80	149	1464194	43.91	ng		100
74) Fluoranthene	12.43	202	1281318	40.94	ng		100
76) Benzidine	12.56	184	398833	26.49	ng		97
77) Pyrene	12.66	202	1411159	43.56	ng		100
79) Butylbenzylphthalate	13.29	149	577610	40.35	ng		99
80) Benzo(a)anthracene	13.85	228	1241400	42.45	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	217482	22.09	ng	#	98
82) Chrysene	13.88	228	1077474	40.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	849332	45.38	ng		100
84) Di-n-octyl phthalate	14.47	149	1378123	45.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	998789	45.78	ng		100
87) Benzo(b)fluoranthene	14.85	252	1078136m	37.51	ng		
88) Benzo(k)fluoranthene	14.89	252	1095088m	50.02	ng		
89) Benzo(a)pyrene	15.19	252	1023781	44.39	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	850797	42.39	ng		98
91) Benzo(g,h,i)perylene	16.92	276	784274	40.06	ng		96

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

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