Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083081.D
Acq On : 20 Nov 2015 14:55
Operator : UM/IZ
Sample : G4452-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04MS

Quant Time: Nov 23 15:17:31 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	155069	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	574819	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	262742	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	419579	20.00	ng		0.00
75) Chrysene-d12	13.86	240	363866	20.00	ng		0.00
86) Perylene-d12	15.24	264	318791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1358338	136.05	ng		0.02
7) Phenol-d6	6.36	99	1636457	124.45	ng		0.01
23) Nitrobenzene-d5	7.28	82	1212377	96.56	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	214933	77.05	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1840433	94.34	ng		-0.01
78) Terphenyl-d14	12.81	244	1376405	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	171999	37.99	ng		99
3) Pyridine	2.91	79	497989	40.58	ng		98
4) n-Nitrosodimethylamine	2.85	42	263763	42.49	ng		98
6) Aniline	6.36	93	555772	30.90	ng	#	93
8) 2-Chlorophenol	6.49	128	444737	39.94	ng		89
9) Benzaldehyde	6.24	77	440705	85.08	ng		97
10) Phenol	6.37	94	577603	37.70	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	472541	42.45	ng		98
12) 1,3-Dichlorobenzene	6.65	146	537921	43.15	ng		100
13) 1,4-Dichlorobenzene	6.72	146	496491	39.33	ng		99
14) 1,2-Dichlorobenzene	6.88	146	540555	46.33	ng		98
15) Benzyl Alcohol	6.85	79	513571	47.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	765842	44.13	ng		77
17) 2-Methylphenol	6.98	107	377646	40.61	ng		97
18) Hexachloroethane	7.22	117	154336	33.26	ng	#	90
19) n-Nitroso-di-n-propylamine	7.13	70	385804	40.15	ng		98
20) 3+4-Methylphenols	7.14	107	495905	40.91	ng		98
22) Acetophenone	7.12	105	699755	43.46	ng		98
24) Nitrobenzene	7.29	77	497883	39.31	ng		98
25) Isophorone	7.54	82	1046450	44.19	ng		97
26) 2-Nitrophenol	7.61	139	113534	20.50	ng		91
27) 2,4-Dimethylphenol	7.66	122	380805	41.60	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	662213	49.91	ng		98
29) 2,4-Dichlorophenol	7.86	162	362993	40.91	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	448129	45.60	ng		99
31) Naphthalene	8.02	128	1715526	57.28	ng		100
32) Benzoic acid	7.74	122	23515	4.22	ng	#	86
33) 4-Chloroaniline	8.06	127	391548	30.06	ng		99
34) Hexachlorobutadiene	8.14	225	279553	45.52	ng		99
35) Caprolactam	8.44	113	109904	38.96	ng		97
36) 4-Chloro-3-methylphenol	8.57	107	396804	38.69	ng		92
37) 2-Methylnaphthalene	8.72	142	1564503	78.46	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	417300	48.16	ng		99
40) Hexachlorocyclopentadiene	8.86	237	114223	28.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220384	35.05	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	230549	36.78	ng	#	88
45) 1,1'-Biphenyl	9.17	154	1040336	45.01	ng		100
46) 2-Chloronaphthalene	9.20	162	867955	49.35	ng		99
47) 2-Nitroaniline	9.29	65	287204	43.29	ng		97
48) Acenaphthylene	9.61	152	1208742	41.75	ng		98
49) Dimethylphthalate	9.48	163	1367294	63.23	ng		99
50) 2,6-Dinitrotoluene	9.54	165	144308	30.96	ng		94
51) Acenaphthene	9.78	154	715239	39.09	ng		99
52) 3-Nitroaniline	9.71	138	246220	46.30	ng	#	65
53) 2,4-Dinitrophenol	9.81	184	16151	6.80	ng	#	84
54) Dibenzofuran	9.95	168	1063597	43.38	ng		99
55) 4-Nitrophenol	9.88	139	138545	37.96	ng	#	84
56) 2,4-Dinitrotoluene	9.94	165	183729	29.45	ng	#	86
57) Fluorene	10.29	166	869781	44.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	154581	30.51	ng	#	99
59) Diethylphthalate	10.18	149	915584	43.42	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	422414	45.72	ng		99
61) 4-Nitroaniline	10.32	138	235373	43.34	ng		98
62) Azobenzene	10.44	77	1017303	43.07	ng		83
64) 4,6-Dinitro-2-methylphenol	10.35	198	18882	7.06	ng	#	1
65) n-Nitrosodiphenylamine	10.41	169	733078	49.86	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	222030	45.69	ng		98
67) Hexachlorobenzene	10.84	284	243567	45.82	ng		99
68) Atrazine	10.94	200	226523	49.18	ng		96
69) Pentachlorophenol	11.04	266	110003	40.55	ng		98
70) Phenanthrene	11.25	178	1182954	46.73	ng		100
71) Anthracene	11.30	178	1091058	42.79	ng		100
72) Carbazole	11.46	167	1051938	47.19	ng		100
73) Di-n-butylphthalate	11.80	149	1327557	47.23	ng		100
74) Fluoranthene	12.43	202	1050444	39.82	ng		99
76) Benzidine	12.56	184	339060	28.48	ng		97
77) Pyrene	12.66	202	1149091	44.86	ng		100
79) Butylbenzylphthalate	13.29	149	496967	43.90	ng		99
80) Benzo(a)anthracene	13.85	228	1102054	47.66	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	255460	32.82	ng		97
82) Chrysene	13.88	228	826557	38.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	724071	48.92	ng		100
84) Di-n-octyl phthalate	14.48	149	1184577	49.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.55	276	773756	44.85	ng		100
87) Benzo(b)fluoranthene	14.85	252	1111237m	49.85	ng		
88) Benzo(k)fluoranthene	14.89	252	666301m	39.24	ng		
89) Benzo(a)pyrene	14.89	252	671013m	37.51	ng		
90) Dibenzo(a,h)anthracene	16.56	278	659346	42.36	ng		98
91) Benzo(g,h,i)perylene	16.93	276	615753	40.55	ng		98

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

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