Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083082.D
Acq On : 20 Nov 2015 15:24
Operator : UM/IZ
Sample : G4452-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04MSD

Quant Time: Nov 20 23:29:35 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	150637	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	570078	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	273625	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	430072	20.00	ng		0.00
75) Chrysene-d12	13.86	240	377400	20.00	ng		0.00
86) Perylene-d12	15.24	264	315817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1168014	120.43	ng		0.02
7) Phenol-d6	6.36	99	1473397	115.35	ng		0.01
23) Nitrobenzene-d5	7.28	82	1050070	84.33	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	220032	75.74	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1573911	77.47	ng		-0.01
78) Terphenyl-d14	12.81	244	1218300	76.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	150424	34.20	ng		99
3) Pyridine	2.90	79	417825	35.05	ng		98
4) n-Nitrosodimethylamine	2.84	42	225317	37.36	ng		97
6) Aniline	6.36	93	498174	28.51	ng		95
8) 2-Chlorophenol	6.49	128	388853	35.95	ng		94
9) Benzaldehyde	6.24	77	384694	69.53	ng		98
10) Phenol	6.37	94	656506	44.11	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	422836	39.10	ng		98
12) 1,3-Dichlorobenzene	6.65	146	462955	38.23	ng		98
13) 1,4-Dichlorobenzene	6.72	146	448875	36.60	ng		99
14) 1,2-Dichlorobenzene	6.88	146	477855	42.16	ng		98
15) Benzyl Alcohol	6.85	79	457010	43.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	693234	41.12	ng		91
17) 2-Methylphenol	6.98	107	344288	38.12	ng		98
18) Hexachloroethane	7.22	117	138038	30.62	ng	#	87
19) n-Nitroso-di-n-propylamine	7.13	70	337820	36.19	ng		98
20) 3+4-Methylphenols	7.14	107	458932	38.97	ng		97
22) Acetophenone	7.12	105	615710	38.56	ng		98
24) Nitrobenzene	7.29	77	468611	37.30	ng		98
25) Isophorone	7.54	82	924784	39.37	ng		96
26) 2-Nitrophenol	7.61	139	113800	20.71	ng		88
27) 2,4-Dimethylphenol	7.66	122	359554	39.61	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	586671	44.58	ng		100
29) 2,4-Dichlorophenol	7.86	162	334131	37.97	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	409053	41.97	ng		98
31) Naphthalene	8.02	128	1504557	50.65	ng		100
32) Benzoic acid	7.73	122	14900	2.70	ng		97
33) 4-Chloroaniline	8.06	127	369829	28.63	ng		96
34) Hexachlorobutadiene	8.14	225	247242	40.60	ng		98
35) Caprolactam	8.44	113	107519	38.43	ng	#	74
36) 4-Chloro-3-methylphenol	8.57	107	364411	35.82	ng		94
37) 2-Methylnaphthalene	8.70	142	1354934	68.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	385203	42.69	ng		98
40) Hexachlorocyclopentadiene	8.86	237	112344	26.72	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	203858	31.14	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	208588	31.95	ng	#	92
45) 1,1'-Biphenyl	9.17	154	1020955	42.41	ng		99
46) 2-Chloronaphthalene	9.20	162	789819	43.12	ng		98
47) 2-Nitroaniline	9.29	65	242866	35.15	ng		97
48) Acenaphthylene	9.61	152	1190456	39.49	ng		99
49) Dimethylphthalate	9.48	163	1344150	59.69	ng		99
50) 2,6-Dinitrotoluene	9.54	165	130306	26.84	ng	#	84
51) Acenaphthene	9.78	154	708296	37.17	ng		99
52) 3-Nitroaniline	9.70	138	190285	34.36	ng		99
53) 2,4-Dinitrophenol	9.81	184	19103	7.72	ng	#	74
54) Dibenzofuran	9.95	168	1002162	39.25	ng		99
55) 4-Nitrophenol	9.88	139	139023	36.57	ng		89
56) 2,4-Dinitrotoluene	9.94	165	172304	26.52	ng	#	84
57) Fluorene	10.29	166	822645	40.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	147100	27.88	ng	#	98
59) Diethylphthalate	10.18	149	868328	39.54	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	377519	39.24	ng		99
61) 4-Nitroaniline	10.32	138	214563	37.94	ng		93
62) Azobenzene	10.44	77	924783	37.59	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	22696	8.28	ng	#	1
65) n-Nitrosodiphenylamine	10.41	169	709011	47.05	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	205164	41.19	ng		99
67) Hexachlorobenzene	10.84	284	224523	41.21	ng		98
68) Atrazine	10.94	200	195709	41.45	ng		93
69) Pentachlorophenol	11.04	266	108312	38.95	ng		96
70) Phenanthrene	11.25	178	1079229	41.59	ng		99
71) Anthracene	11.30	178	1046141	40.02	ng		99
72) Carbazole	11.46	167	989857	43.32	ng		99
73) Di-n-butylphthalate	11.80	149	1238216	42.97	ng		100
74) Fluoranthene	12.43	202	1012807	37.45	ng		99
76) Benzidine	12.56	184	337451	27.33	ng		97
77) Pyrene	12.66	202	1095632	41.24	ng		100
79) Butylbenzylphthalate	13.29	149	449590	38.29	ng		99
80) Benzo(a)anthracene	13.85	228	965676	40.26	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	255232	31.61	ng	#	94
82) Chrysene	13.88	228	859014m	39.06	ng		
83) Bis(2-ethylhexyl)phthalate	13.86	149	678997	44.23	ng		99
84) Di-n-octyl phthalate	14.47	149	1074048	42.95	ng		98
85) Indeno(1,2,3-cd)pyrene	16.55	276	701670	39.22	ng		98
87) Benzo(b)fluoranthene	14.85	252	802746m	36.35	ng		
88) Benzo(k)fluoranthene	14.89	252	807385m	48.00	ng		
89) Benzo(a)pyrene	15.19	252	737414	41.61	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	601881	39.03	ng		99
91) Benzo(g,h,i)perylene	16.93	276	573722	38.14	ng		99

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

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