Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084285.D
Acq On : 6 Jan 2016 13:05
Operator : SJ/UM
Sample : G4986-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-4-21.0-21.5MSD

Manual Integrations APPROVED
umangi
1/7/2016 12:04:33 PM

Quant Time: Jan 07 01:01:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	237623	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	991826	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	444734	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	839774	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	761547	20.00	ng		-0.03
86) Perylene-d12	15.46	264	607019	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1872724	127.47	ng		-0.01
7) Phenol-d6	6.52	99	2668746	144.64	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1609682	90.33	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	684400	152.43	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2386630	95.16	ng		-0.03
78) Terphenyl-d14	12.98	244	2130603	62.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	269596	38.74	ng	#	72
3) Pyridine	3.23	79	752212	38.77	ng	#	71
4) n-Nitrosodimethylamine	3.18	42	467460	46.94	ng		78
6) Aniline	6.53	93	588346	21.80	ng	#	1
8) 2-Chlorophenol	6.66	128	830871	49.85	ng		92
9) Benzaldehyde	6.41	77	346315	28.83	ng		92
10) Phenol	6.53	94	1139943	54.34	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	838690	51.61	ng		88
12) 1,3-Dichlorobenzene	6.81	146	774012	45.02	ng	#	92
13) 1,4-Dichlorobenzene	6.89	146	842641	48.87	ng		95
14) 1,2-Dichlorobenzene	7.04	146	705684	42.74	ng		93
15) Benzyl Alcohol	7.01	79	671959	43.29	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1295592	43.78	ng		85
17) 2-Methylphenol	7.14	107	701423	50.21	ng		94
18) Hexachloroethane	7.38	117	310770	45.07	ng	#	89
19) n-Nitroso-di-n-propylamine	7.29	70	568473	45.51	ng	#	70
20) 3+4-Methylphenols	7.29	107	742348	45.21	ng	#	58
22) Acetophenone	7.29	105	1122850	47.08	ng	#	90
24) Nitrobenzene	7.46	77	937613	51.87	ng		98
25) Isophorone	7.70	82	1613642	47.34	ng		98
26) 2-Nitrophenol	7.77	139	426867	51.89	ng	#	74
27) 2,4-Dimethylphenol	7.81	122	740632	44.48	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	990151	47.56	ng		98
29) 2,4-Dichlorophenol	8.02	162	702934	50.68	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	708657	49.49	ng		96
31) Naphthalene	8.18	128	2130355	47.34	ng		98
32) Benzoic acid	7.92	122	238631	25.63	ng		87
33) 4-Chloroaniline	8.22	127	227675	11.04	ng		98
34) Hexachlorobutadiene	8.29	225	386225	46.92	ng		98
35) Caprolactam	8.60	113	224390m	47.99	ng		
36) 4-Chloro-3-methylphenol	8.72	107	761845	49.04	ng		94
37) 2-Methylnaphthalene	8.86	142	1429539	44.25	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	645256	50.47	ng		98
40) Hexachlorocyclopentadiene	9.02	237	763096	98.87	ng		97

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Quant Time: Jan 07 01:01:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	497723	52.03	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	483249	52.70	ng		98
45) 1,1'-Biphenyl	9.33	154	1711839	48.43	ng		99
46) 2-Chloronaphthalene	9.36	162	1271418	45.79	ng		96
47) 2-Nitroaniline	9.46	65	538126	58.73	ng	#	83
48) Acenaphthylene	9.77	152	2101231	51.23	ng		97
49) Dimethylphthalate	9.64	163	2270217	71.40	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	357959	51.33	ng	#	56
51) Acenaphthene	9.94	154	1580104	57.43	ng		98
52) 3-Nitroaniline	9.87	138	245720	28.44	ng	#	69
53) 2,4-Dinitrophenol	9.97	184	379165	125.53	ng		95
54) Dibenzofuran	10.12	168	1923058	54.60	ng		100
55) 4-Nitrophenol	10.04	139	586690	93.54	ng	#	80
56) 2,4-Dinitrotoluene	10.10	165	441527	50.03	ng	#	82
57) Fluorene	10.46	166	1372666	50.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	405795	51.83	ng		93
59) Diethylphthalate	10.34	149	1588266	50.67	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	699509	63.40	ng		97
61) 4-Nitroaniline	10.49	138	413819	53.73	ng		91
62) Azobenzene	10.61	77	1806000	52.53	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	276949	55.45	ng		84
65) n-Nitrosodiphenylamine	10.57	169	1270074	47.30	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	452995	50.12	ng		97
67) Hexachlorobenzene	11.00	284	448288	44.07	ng	#	83
68) Atrazine	11.11	200	473277	53.86	ng		97
69) Pentachlorophenol	11.20	266	462674	87.71	ng		98
70) Phenanthrene	11.41	178	2108649	48.00	ng		97
71) Anthracene	11.47	178	2148869	49.90	ng		96
72) Carbazole	11.63	167	2051907	48.74	ng		97
73) Di-n-butylphthalate	11.96	149	2447208	59.05	ng	#	96
74) Fluoranthene	12.60	202	2036873	44.39	ng		98
76) Benzidine	12.73	184	598784	21.93	ng		98
77) Pyrene	12.83	202	2067596	34.60	ng		97
79) Butylbenzylphthalate	13.46	149	1140833	44.12	ng	#	93
80) Benzo(a)anthracene	14.02	228	1853767	41.46	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	457699	29.33	ng	#	97
82) Chrysene	14.05	228	1534163	35.70	ng		97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1365816	41.80	ng	#	94
84) Di-n-octyl phthalate	14.63	149	2257869	40.93	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1597669	46.91	ng		100
87) Benzo(b)fluoranthene	15.05	252	1751069	44.10	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1697637m	52.28	ng		
89) Benzo(a)pyrene	15.40	252	1653621	49.10	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	1299693	44.85	ng		98
91) Benzo(g,h,i)perylene	17.29	276	1305198	43.49	ng		96

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

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