Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085220.D
Acq On : 4 Mar 2016 23:25
Operator : SJ/IZ
Sample : H1645-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:48 PM

Quant Time: Mar 07 11:35:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166449	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	650544	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	295607	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	546727	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	373680	20.00	ng		-0.01
86) Perylene-d12	15.60	264	269837	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1166401	117.54	ng		0.01
7) Phenol-d6	6.60	99	1419140	109.16	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1123394	92.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	321631	127.16	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1889776	97.22	ng		-0.01
78) Terphenyl-d14	13.08	244	1391798	86.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	183976	36.25	ng	#	85
3) Pyridine	3.60	79	428551	33.74	ng		95
4) n-Nitrosodimethylamine	3.53	42	213966	39.36	ng		91
6) Aniline	6.63	93	304161	16.69	ng		99
8) 2-Chlorophenol	6.76	128	462497	38.71	ng		95
9) Benzaldehyde	6.52	77	135575	18.89	ng		98
10) Phenol	6.62	94	474118m	34.05	ng		
11) bis(2-Chloroethyl)ether	6.71	93	526767	45.55	ng		98
12) 1,3-Dichlorobenzene	6.92	146	554918	43.27	ng		98
13) 1,4-Dichlorobenzene	6.98	146	541303	42.11	ng		98
14) 1,2-Dichlorobenzene	7.14	146	524833	45.00	ng		100
15) Benzyl Alcohol	7.11	79	439304	46.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	661302	39.67	ng		99
17) 2-Methylphenol	7.22	107	416557	42.73	ng		99
18) Hexachloroethane	7.49	117	206700	43.59	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	351520	41.48	ng	#	89
20) 3+4-Methylphenols	7.37	107	455870	39.48	ng		93
22) Acetophenone	7.38	105	687853	43.32	ng	#	97
24) Nitrobenzene	7.56	77	591120	47.86	ng		97
25) Isophorone	7.80	82	1012795	44.95	ng		99
26) 2-Nitrophenol	7.88	139	269192	44.79	ng		97
27) 2,4-Dimethylphenol	7.91	122	490760	44.68	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	592694	47.24	ng		99
29) 2,4-Dichlorophenol	8.12	162	394988	44.59	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	443404	46.30	ng		99
31) Naphthalene	8.28	128	1529621	47.82	ng		100
32) Benzoic acid	7.99	122	105183	14.42	ng		97
33) 4-Chloroaniline	8.32	127	185825	14.36	ng		94
34) Hexachlorobutadiene	8.40	225	235275	47.22	ng		99
35) Caprolactam	8.70	113	115857m	40.05	ng		
36) 4-Chloro-3-methylphenol	8.80	107	413395	41.14	ng		98
37) 2-Methylnaphthalene	8.97	142	1049334	51.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	377173	44.61	ng		98
40) Hexachlorocyclopentadiene	9.12	237	378344	82.98	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	287976	45.76	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	275102	46.11	ng	#	93
45) 1,1'-Biphenyl	9.43	154	1126455	44.60	ng		99
46) 2-Chloronaphthalene	9.46	162	911004	47.32	ng		99
47) 2-Nitroaniline	9.56	65	296681	49.73	ng	#	74
48) Acenaphthylene	9.88	152	1312906	43.82	ng		99
49) Dimethylphthalate	9.74	163	1182551	52.12	ng		100
50) 2,6-Dinitrotoluene	9.80	165	221402	45.61	ng		96
51) Acenaphthene	10.05	154	776110	42.66	ng		99
52) 3-Nitroaniline	9.97	138	165998	28.58	ng		87
53) 2,4-Dinitrophenol	10.07	184	38805	22.20	ng	#	34
54) Dibenzofuran	10.22	168	1133330	47.55	ng		99
55) 4-Nitrophenol	10.12	139	279962	61.35	ng	#	75
56) 2,4-Dinitrotoluene	10.20	165	272110	43.80	ng		94
57) Fluorene	10.56	166	851319	45.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	193650	46.20	ng		99
59) Diethylphthalate	10.44	149	1019894	46.32	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	397841	43.68	ng		95
61) 4-Nitroaniline	10.57	138	216815	39.92	ng		99
62) Azobenzene	10.71	77	1021275	47.08	ng		98
64) 4,6-Dinitro-2-methylphenol	10.61	198	51345	15.68	ng		89
65) n-Nitrosodiphenylamine	10.68	169	831914	48.92	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	247272	46.58	ng		94
67) Hexachlorobenzene	11.11	284	258707	45.68	ng	#	87
68) Atrazine	11.20	200	285477	60.36	ng		94
69) Pentachlorophenol	11.30	266	193860	61.67	ng		98
70) Phenanthrene	11.52	178	1241697	43.34	ng		99
71) Anthracene	11.58	178	1418752	46.64	ng		99
72) Carbazole	11.73	167	1144485	42.91	ng		99
73) Di-n-butylphthalate	12.06	149	1565861	46.44	ng		99
74) Fluoranthene	12.71	202	1263647	43.95	ng		98
76) Benzidine	12.83	184	298146	26.81	ng		98
77) Pyrene	12.94	202	1244722	44.26	ng		100
79) Butylbenzylphthalate	13.56	149	640183	50.16	ng	#	76
80) Benzo(a)anthracene	14.13	228	999885	44.70	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	159763	22.64	ng		98
82) Chrysene	14.16	228	907462	43.91	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	786439	46.83	ng	#	97
84) Di-n-octyl phthalate	14.72	149	1191154	46.57	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	772631	47.91	ng		99
87) Benzo(b)fluoranthene	15.18	252	866273	48.16	ng	#	95
88) Benzo(k)fluoranthene	15.20	252	689941m	47.56	ng		
89) Benzo(a)pyrene	15.55	252	723752	48.56	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	647486	50.89	ng		97
91) Benzo(g,h,i)perylene	17.52	276	659283	51.54	ng		98

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

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