Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085207.D
Acq On : 4 Mar 2016 17:22
Operator : SJ/IZ
Sample : PB88703BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88703BS

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:39 PM

Quant Time: Mar 07 10:30:47 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	174053	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	673810	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	306989	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	575827	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	445134	20.00	ng		-0.01
86) Perylene-d12	15.60	264	300029	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1074973	103.60	ng		0.01
7) Phenol-d6	6.60	99	1262199	92.85	ng		-0.01
23) Nitrobenzene-d5	7.53	82	842011	66.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	276571	105.29	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1522995	75.45	ng		-0.01
78) Terphenyl-d14	13.09	244	1383938	72.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	147974	27.89	ng		98
3) Pyridine	3.53	79	435376	32.78	ng		100
4) n-Nitrosodimethylamine	3.48	42	168497	29.64	ng		95
6) Aniline	6.63	93	326807	17.15	ng		98
8) 2-Chlorophenol	6.76	128	412368	33.01	ng		99
9) Benzaldehyde	6.52	77	136991	18.11	ng		99
10) Phenol	6.61	94	449401m	30.87	ng		
11) bis(2-Chloroethyl)ether	6.71	93	393396	32.53	ng		94
12) 1,3-Dichlorobenzene	6.92	146	438401	32.69	ng		100
13) 1,4-Dichlorobenzene	6.98	146	417965	31.10	ng		99
14) 1,2-Dichlorobenzene	7.14	146	426173	34.94	ng		99
15) Benzyl Alcohol	7.11	79	372789	37.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	517045	29.66	ng		100
17) 2-Methylphenol	7.22	107	360464	35.36	ng		99
18) Hexachloroethane	7.49	117	161671	32.60	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	287921	32.49	ng	#	92
20) 3+4-Methylphenols	7.37	107	415807	34.44	ng		95
22) Acetophenone	7.38	105	552002	33.56	ng	#	93
24) Nitrobenzene	7.56	77	474874	37.12	ng		92
25) Isophorone	7.80	82	800401	34.30	ng		97
26) 2-Nitrophenol	7.88	139	215893	34.68	ng		98
27) 2,4-Dimethylphenol	7.91	122	409904	36.03	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	474630	36.52	ng		99
29) 2,4-Dichlorophenol	8.12	162	334096	36.42	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	342479	34.53	ng		99
31) Naphthalene	8.28	128	1129254	34.08	ng		99
32) Benzoic acid	8.00	122	169896	22.49	ng		99
33) 4-Chloroaniline	8.32	127	158974	11.86	ng		96
34) Hexachlorobutadiene	8.40	225	184384	35.72	ng		98
35) Caprolactam	8.69	113	105787m	35.31	ng		
36) 4-Chloro-3-methylphenol	8.80	107	359760	34.56	ng		97
37) 2-Methylnaphthalene	8.97	142	812275	38.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	301822	34.38	ng		98
40) Hexachlorocyclopentadiene	9.12	237	354439	74.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	260063	39.79	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	214989	34.69	ng	#	92
45) 1,1'-Biphenyl	9.43	154	885850	33.78	ng		99
46) 2-Chloronaphthalene	9.46	162	724600	36.24	ng		99
47) 2-Nitroaniline	9.56	65	229843	37.10	ng	#	65
48) Acenaphthylene	9.88	152	1084847	34.87	ng		98
49) Dimethylphthalate	9.74	163	833182	35.36	ng		99
50) 2,6-Dinitrotoluene	9.80	165	188358	37.37	ng		97
51) Acenaphthene	10.05	154	721130	38.17	ng		100
52) 3-Nitroaniline	9.96	138	109997	18.24	ng	#	76
53) 2,4-Dinitrophenol	10.07	184	168034	67.13	ng	#	42
54) Dibenzofuran	10.22	168	914426	36.94	ng		99
55) 4-Nitrophenol	10.12	139	274472	57.91	ng	#	74
56) 2,4-Dinitrotoluene	10.20	165	222207	34.44	ng		93
57) Fluorene	10.56	166	698285	35.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	171856	39.48	ng		98
59) Diethylphthalate	10.44	149	838418	36.67	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	326759	34.54	ng		92
61) 4-Nitroaniline	10.57	138	170663	30.26	ng		99
62) Azobenzene	10.71	77	848932	37.69	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	123761	35.90	ng		95
65) n-Nitrosodiphenylamine	10.68	169	671749	37.51	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	199225	35.63	ng	#	90
67) Hexachlorobenzene	11.11	284	208725	34.99	ng	#	85
68) Atrazine	11.20	200	219647	44.10	ng		92
69) Pentachlorophenol	11.30	266	242927	73.37	ng		98
70) Phenanthrene	11.52	178	1029683	34.12	ng		99
71) Anthracene	11.58	178	1154218	36.03	ng		100
72) Carbazole	11.73	167	958868	34.13	ng		99
73) Di-n-butylphthalate	12.06	149	1275023	35.91	ng	#	98
74) Fluoranthene	12.71	202	1005284	33.19	ng		97
76) Benzidine	12.82	184	344410	26.00	ng		98
77) Pyrene	12.94	202	1036807	30.95	ng		99
79) Butylbenzylphthalate	13.56	149	530281	34.88	ng	#	81
80) Benzo(a)anthracene	14.13	228	903956	33.92	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	122258	14.54	ng		98
82) Chrysene	14.16	228	682284	27.72	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	675825	33.78	ng	#	96
84) Di-n-octyl phthalate	14.72	149	980801	32.19	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	602679	31.37	ng		99
87) Benzo(b)fluoranthene	15.18	252	714859	35.75	ng	#	96
88) Benzo(k)fluoranthene	15.20	252	596553m	36.98	ng		
89) Benzo(a)pyrene	15.55	252	597634	36.06	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	504870	35.69	ng		99
91) Benzo(g,h,i)perylene	17.53	276	504885	35.50	ng		96

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

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