Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084903.D
Acq On : 6 Feb 2016 11:17
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
2/8/2016 3:04:31 PM

Quant Time: Feb 08 01:30:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174288	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	699387	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	314590	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	520190	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	324283	20.00	ng		-0.03
86) Perylene-d12	15.17	264	344488	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	807118	72.13	ng		-0.03
7) Phenol-d6	6.32	99	1009017	72.74	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1020287	82.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	225587	68.75	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1712532	95.73	ng		-0.02
78) Terphenyl-d14	12.76	244	1156612	80.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	178659m	36.45	ng		
3) Pyridine	2.77	79	550455	43.10	ng	#	71
4) n-Nitrosodimethylamine	2.74	42	259888	39.35	ng		83
6) Aniline	6.33	93	689866	40.64	ng	#	80
8) 2-Chlorophenol	6.45	128	487375	38.48	ng		89
9) Benzaldehyde	6.20	77	299938	36.62	ng		96
10) Phenol	6.33	94	522637	33.63	ng	#	53
11) bis(2-Chloroethyl)ether	6.41	93	475847	39.27	ng		85
12) 1,3-Dichlorobenzene	6.60	146	539860	40.34	ng		97
13) 1,4-Dichlorobenzene	6.68	146	553123	41.35	ng		93
14) 1,2-Dichlorobenzene	6.83	146	445417	35.75	ng		95
15) Benzyl Alcohol	6.82	79	365051	38.11	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	779109	38.22	ng		89
17) 2-Methylphenol	6.94	107	399875	39.92	ng	#	92
18) Hexachloroethane	7.17	117	204043	39.61	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	311317	35.80	ng	#	73
20) 3+4-Methylphenols	7.09	107	491788	39.55	ng	#	73
22) Acetophenone	7.08	105	675510	36.65	ng	#	99
24) Nitrobenzene	7.25	77	453654	34.12	ng		95
25) Isophorone	7.50	82	930044	38.52	ng		94
26) 2-Nitrophenol	7.57	139	276675	42.19	ng	#	89
27) 2,4-Dimethylphenol	7.62	122	410754	36.01	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	526020	36.73	ng		99
29) 2,4-Dichlorophenol	7.82	162	372009	38.12	ng		91
30) 1,2,4-Trichlorobenzene	7.89	180	402664	36.53	ng		96
31) Naphthalene	7.97	128	1337257	38.12	ng		100
32) Benzoic acid	7.77	122	244930	33.57	ng		90
33) 4-Chloroaniline	8.03	127	541915	37.35	ng		99
34) Hexachlorobutadiene	8.10	225	250801	39.46	ng		99
35) Caprolactam	8.42	113	119917	39.87	ng	#	58
36) 4-Chloro-3-methylphenol	8.52	107	390183	35.05	ng		94
37) 2-Methylnaphthalene	8.66	142	793544	36.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	399448	39.98	ng		99
40) Hexachlorocyclopentadiene	8.82	237	96179	29.90	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	239060	37.14	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	265016	40.52	ng	#	90
45) 1,1'-Biphenyl	9.13	154	1032860	36.76	ng		98
46) 2-Chloronaphthalene	9.15	162	769274	37.18	ng		94
47) 2-Nitroaniline	9.25	65	260398	39.74	ng		96
48) Acenaphthylene	9.56	152	1186507	37.78	ng		98
49) Dimethylphthalate	9.44	163	901597	37.63	ng	#	90
50) 2,6-Dinitrotoluene	9.50	165	209685	40.06	ng	#	87
51) Acenaphthene	9.73	154	737290	36.09	ng		98
52) 3-Nitroaniline	9.66	138	198979	33.83	ng		97
53) 2,4-Dinitrophenol	9.78	184	41818	21.86	ng		90
54) Dibenzofuran	9.90	168	933976	37.41	ng		93
55) 4-Nitrophenol	9.85	139	146779	33.95	ng		85
56) 2,4-Dinitrotoluene	9.90	165	271282	40.63	ng		90
57) Fluorene	10.25	166	804401	38.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	200476	40.27	ng		89
59) Diethylphthalate	10.13	149	853747	36.49	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	410741	47.25	ng	#	88
61) 4-Nitroaniline	10.28	138	233978	40.82	ng	#	80
62) Azobenzene	10.40	77	845900	37.60	ng		84
64) 4,6-Dinitro-2-methylphenol	10.30	198	91365	28.46	ng	#	61
65) n-Nitrosodiphenylamine	10.36	169	651526	39.44	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	234593	40.83	ng	#	77
67) Hexachlorobenzene	10.80	284	271666	43.39	ng	#	89
68) Atrazine	10.90	200	247552	47.46	ng		97
69) Pentachlorophenol	10.99	266	116431	39.57	ng		99
70) Phenanthrene	11.20	178	1137983	39.44	ng		98
71) Anthracene	11.25	178	1148278	39.50	ng		100
72) Carbazole	11.41	167	971509	38.32	ng		99
73) Di-n-butylphthalate	11.76	149	1407433	43.61	ng	#	98
74) Fluoranthene	12.38	202	1068703	36.60	ng		96
76) Benzidine	12.51	184	490465	43.50	ng		98
77) Pyrene	12.61	202	1079615	43.48	ng		100
79) Butylbenzylphthalate	13.24	149	464524	41.24	ng		97
80) Benzo(a)anthracene	13.79	228	807152	40.10	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	315093	44.22	ng	#	97
82) Chrysene	13.84	228	824160	42.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	599310	42.76	ng		100
84) Di-n-octyl phthalate	14.42	149	1010822	43.71	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	819088	53.32	ng		99
87) Benzo(b)fluoranthene	14.80	252	1003900m	43.37	ng		
88) Benzo(k)fluoranthene	14.83	252	543626m	28.41	ng		
89) Benzo(a)pyrene	15.12	252	736779	37.36	ng	#	95
90) Dibenzo(a,h)anthracene	16.47	278	680166	40.97	ng		97
91) Benzo(g,h,i)perylene	16.83	276	662724	39.63	ng		98

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

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