Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
Data File : BF085102.D
Acq On : 1 Mar 2016 20:29
Operator : SJ/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
UMANGI
3/2/2016 1:04:15 PM

Quant Time: Mar 02 01:07:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 00:39:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	211591	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	837092	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	403150	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	781705	20.00	ng	0.00
75) Chrysene-d12	14.16	240	591901	20.00	ng	0.00
86) Perylene-d12	15.62	264	445772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1455613	120.49	ng	0.00
7) Phenol-d6	6.62	99	1851519	121.39	ng	0.00
23) Nitrobenzene-d5	7.56	82	1923222	137.34	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	484429	113.43	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2800319	103.28	ng	0.00
78) Terphenyl-d14	13.11	244	3005691	138.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	376531	64.96	ng	100
3) Pyridine	3.47	79	1051806	69.04	ng	100
4) n-Nitrosodimethylamine	3.43	42	444457	62.46	ng	96
6) Aniline	6.66	93	1393428	64.94	ng	98
8) 2-Chlorophenol	6.78	128	825884	58.87	ng	98
9) Benzaldehyde	6.54	77	428455	48.84	ng	99
10) Phenol	6.63	94	1024345m	62.63	ng	
11) bis(2-Chloroethyl)ether	6.73	93	916042	65.46	ng	98
12) 1,3-Dichlorobenzene	6.94	146	943761	62.02	ng	98
13) 1,4-Dichlorobenzene	7.00	146	895099	59.00	ng	99
14) 1,2-Dichlorobenzene	7.16	146	789888	55.39	ng	98
15) Benzyl Alcohol	7.13	79	688008	60.96	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1249516	59.68	ng	99
17) 2-Methylphenol	7.23	107	754514	66.25	ng	99
18) Hexachloroethane	7.51	117	344984	62.58	ng	99
19) n-Nitroso-di-n-propylamine	7.42	70	675390	63.72	ng	98
20) 3+4-Methylphenols	7.39	107	820528	58.72	ng	98
22) Acetophenone	7.40	105	1121680	53.75	ng	98
24) Nitrobenzene	7.58	77	876507	61.81	ng	100
25) Isophorone	7.82	82	1784316	61.57	ng	100
26) 2-Nitrophenol	7.90	139	482970	90.69	ng	95
27) 2,4-Dimethylphenol	7.93	122	881137	64.26	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	913812	53.70	ng	99
29) 2,4-Dichlorophenol	8.14	162	705344	60.32	ng	87
30) 1,2,4-Trichlorobenzene	8.22	180	710749	53.89	ng	98
31) Naphthalene	8.30	128	2330441	58.13	ng	100
32) Benzoic acid	8.06	122	520542	59.67	ng	98
33) 4-Chloroaniline	8.34	127	916410	53.03	ng	99
34) Hexachlorobutadiene	8.42	225	444296	55.69	ng	99
35) Caprolactam	8.73	113	226238	64.18	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	715751	57.26	ng	98
37) 2-Methylnaphthalene	8.99	142	1492124	57.14	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	677207	50.28	ng	100
40) Hexachlorocyclopentadiene	9.14	237	425898	58.17	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	498354	57.87	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	473170m	56.06	ng		
45) 1,1'-Biphenyl	9.46	154	2008468	58.40	ng		98
46) 2-Chloronaphthalene	9.48	162	1502528	59.35	ng		99
47) 2-Nitroaniline	9.58	65	529697	81.94	ng		91
48) Acenaphthylene	9.90	152	2045199	50.19	ng		100
49) Dimethylphthalate	9.76	163	1651130	56.23	ng		100
50) 2,6-Dinitrotoluene	9.82	165	363313	58.53	ng		95
51) Acenaphthene	10.07	154	1329853	52.83	ng		100
52) 3-Nitroaniline	9.99	138	474642	65.05	ng		96
53) 2,4-Dinitrophenol	10.09	184	152861	91.73	ng	#	1
54) Dibenzofuran	10.24	168	1651329	49.30	ng		100
55) 4-Nitrophenol	10.14	139	407670	70.56	ng		87
56) 2,4-Dinitrotoluene	10.22	165	470038	61.57	ng		97
57) Fluorene	10.58	166	1328942	48.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	379041	55.16	ng		99
59) Diethylphthalate	10.46	149	1692236	55.59	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	665921	47.22	ng		98
61) 4-Nitroaniline	10.60	138	445254	64.51	ng		89
62) Azobenzene	10.73	77	1655876	56.48	ng		99
64) 4,6-Dinitro-2-methylphenol	10.63	198	284748	77.58	ng		82
65) n-Nitrosodiphenylamine	10.70	169	1386514	56.38	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	436995	48.55	ng		97
67) Hexachlorobenzene	11.13	284	518165	54.29	ng		99
68) Atrazine	11.22	200	421861	59.19	ng		92
69) Pentachlorophenol	11.31	266	328584	57.08	ng		99
70) Phenanthrene	11.54	178	1996353	51.00	ng		100
71) Anthracene	11.60	178	2378108	59.85	ng		99
72) Carbazole	11.75	167	2012180	55.89	ng		99
73) Di-n-butylphthalate	12.08	149	2600527	62.59	ng		99
74) Fluoranthene	12.73	202	2229544	52.59	ng		99
76) Benzidine	12.85	184	916568	52.81	ng		97
77) Pyrene	12.96	202	2163399	59.68	ng		99
79) Butylbenzylphthalate	13.58	149	1062507	73.04	ng		98
80) Benzo(a)anthracene	14.15	228	1932300	58.13	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	633707	52.51	ng		100
82) Chrysene	14.18	228	1712639	56.09	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	1190343	61.47	ng		99
84) Di-n-octyl phthalate	14.74	149	1758699	56.99	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1579224	53.41	ng		99
87) Benzo(b)fluoranthene	15.20	252	1534558	54.26	ng		99
88) Benzo(k)fluoranthene	15.23	252	1483116m	65.72	ng		
89) Benzo(a)pyrene	15.57	252	1352406	56.47	ng		99
90) Dibenzo(a,h)anthracene	17.13	278	1310824	62.60	ng		98
91) Benzo(g,h,i)perylene	17.57	276	1333467	64.43	ng		99

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

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