Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082171.D
Acq On : 10 Oct 2015 12:32
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:30:54 PM

Quant Time: Oct 12 01:44:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 00:52:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95787m	20.00	ng		0.01
21) Naphthalene-d8	8.13	136	376687	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	192658	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	367735	20.00	ng		0.00
75) Chrysene-d12	14.01	240	321006	20.00	ng		0.00
86) Perylene-d12	15.44	264	262600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	460762	87.84	ng		0.00
7) Phenol-d6	6.48	99	600039	90.39	ng		0.00
23) Nitrobenzene-d5	7.42	82	564042	99.30	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	163729	84.82	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1149420	94.31	ng		0.00
78) Terphenyl-d14	12.96	244	1136652	99.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	111870	48.80	ng		98
3) Pyridine	3.14	79	288417	49.29	ng		100
4) n-Nitrosodimethylamine	3.11	42	123472	46.11	ng		97
6) Aniline	6.50	93	399098	45.02	ng		96
8) 2-Chlorophenol	6.63	128	277693	47.52	ng		98
9) Benzaldehyde	6.39	77	159565	37.62	ng		98
10) Phenol	6.49	94	349879	46.82	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	295946	50.20	ng		98
12) 1,3-Dichlorobenzene	6.78	146	323211m	46.86	ng		
13) 1,4-Dichlorobenzene	6.86	146	337264m	46.77	ng		
14) 1,2-Dichlorobenzene	7.02	146	295803	46.05	ng	#	90
15) Benzyl Alcohol	6.99	79	218911	45.99	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	382320	46.85	ng		99
17) 2-Methylphenol	7.11	107	221964	47.08	ng		98
18) Hexachloroethane	7.35	117	112332	49.27	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	215168	53.04	ng		92
20) 3+4-Methylphenols	7.26	107	246917	41.73	ng		99
22) Acetophenone	7.26	105	352944	46.09	ng		98
24) Nitrobenzene	7.43	77	284599	47.16	ng		98
25) Isophorone	7.67	82	545780	48.77	ng		99
26) 2-Nitrophenol	7.75	139	166728	55.81	ng		97
27) 2,4-Dimethylphenol	7.78	122	240035	47.05	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	346226	51.20	ng		99
29) 2,4-Dichlorophenol	7.99	162	251785	49.75	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	275847	49.10	ng		98
31) Naphthalene	8.15	128	753251	45.08	ng		99
32) Benzoic acid	7.93	122	165828	58.53	ng		98
33) 4-Chloroaniline	8.21	127	343957	47.82	ng		99
34) Hexachlorobutadiene	8.26	225	165031	49.38	ng		98
35) Caprolactam	8.59	113	65256	46.33	ng	#	78
36) 4-Chloro-3-methylphenol	8.69	107	239117	48.92	ng		99
37) 2-Methylnaphthalene	8.85	142	578386	50.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	262241	44.69	ng		98
40) Hexachlorocyclopentadiene	8.99	237	130468	44.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176078	44.24	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	199910	48.16	ng		97
45) 1,1'-Biphenyl	9.31	154	688363	46.64	ng		95
46) 2-Chloronaphthalene	9.34	162	558787	48.17	ng		98
47) 2-Nitroaniline	9.44	65	159591	46.95	ng	#	60
48) Acenaphthylene	9.75	152	818655	43.85	ng		99
49) Dimethylphthalate	9.61	163	609068	46.39	ng		100
50) 2,6-Dinitrotoluene	9.68	165	138898	47.71	ng	#	87
51) Acenaphthene	9.92	154	517857	46.62	ng		99
52) 3-Nitroaniline	9.85	138	155989	47.06	ng		94
53) 2,4-Dinitrophenol	9.95	184	75136	70.67	ng		93
54) Dibenzofuran	10.09	168	689676	43.90	ng		98
55) 4-Nitrophenol	10.01	139	96019	41.11	ng		92
56) 2,4-Dinitrotoluene	10.08	165	168732	45.96	ng		94
57) Fluorene	10.43	166	566335	45.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155318	47.27	ng		96
59) Diethylphthalate	10.31	149	572837	46.24	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	254493	44.49	ng		99
61) 4-Nitroaniline	10.47	138	155541	46.35	ng		98
62) Azobenzene	10.58	77	557769	46.15	ng		100
64) 4,6-Dinitro-2-methylphenol	10.49	198	106650	62.90	ng		84
65) n-Nitrosodiphenylamine	10.55	169	494417	44.48	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	167302	45.09	ng		97
67) Hexachlorobenzene	10.98	284	189681	45.78	ng	#	93
68) Atrazine	11.07	200	152271	44.44	ng		99
69) Pentachlorophenol	11.18	266	114670	48.73	ng		96
70) Phenanthrene	11.39	178	812363	42.20	ng		99
71) Anthracene	11.45	178	918255	48.71	ng		100
72) Carbazole	11.61	167	795749	47.19	ng	#	96
73) Di-n-butylphthalate	11.93	149	962514	49.94	ng		100
74) Fluoranthene	12.58	202	893331	44.82	ng		98
76) Benzidine	12.71	184	444361	46.76	ng		98
77) Pyrene	12.81	202	882790	46.67	ng		100
79) Butylbenzylphthalate	13.43	149	404213	55.49	ng		96
80) Benzo(a)anthracene	14.00	228	791343	46.17	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	293414	50.36	ng		98
82) Chrysene	14.05	228	803211	48.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	597206	62.96	ng		100
84) Di-n-octyl phthalate	14.61	149	987623	63.73	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	636037	47.65	ng		99
87) Benzo(b)fluoranthene	15.03	252	826272m	53.81	ng		
88) Benzo(k)fluoranthene	15.06	252	571847m	42.07	ng		
89) Benzo(a)pyrene	15.38	252	646533	49.45	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	522113	47.81	ng		98
91) Benzo(g,h,i)perylene	17.28	276	503306	45.40	ng		98

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

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