Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083114.D
Acq On : 21 Nov 2015 15:26
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:21 PM

Quant Time: Nov 22 01:05:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 23:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	197113	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	731451	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	361968	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	686251	20.00	ng		0.00
75) Chrysene-d12	13.81	240	575291	20.00	ng		0.00
86) Perylene-d12	15.17	264	472587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1205426	94.19	ng		0.00
7) Phenol-d6	6.35	99	1616051	97.60	ng		0.01
23) Nitrobenzene-d5	7.24	82	1579963	100.10	ng		0.01
41) 2,4,6-Tribromophenol	10.49	330	372864	101.81	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2405495	96.92	ng		0.00
78) Terphenyl-d14	12.77	244	2459540	102.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	325136	50.82	ng		98
3) Pyridine	3.06	79	802393	49.56	ng		99
4) n-Nitrosodimethylamine	2.82	42	393344	48.46	ng		96
6) Aniline	6.34	93	1047506	49.63	ng	#	79
8) 2-Chlorophenol	6.46	128	654666	47.32	ng		95
9) Benzaldehyde	6.22	77	376635	44.63	ng		92
10) Phenol	6.36	94	961465	48.26	ng		96
11) bis(2-Chloroethyl)ether	6.41	93	677190	47.45	ng		99
12) 1,3-Dichlorobenzene	6.60	146	741008	48.23	ng		99
13) 1,4-Dichlorobenzene	6.67	146	732965	46.65	ng		99
14) 1,2-Dichlorobenzene	6.83	146	699772	48.69	ng		99
15) Benzyl Alcohol	6.84	79	698250	50.18	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1040345	47.02	ng	#	34
17) 2-Methylphenol	6.96	107	541017	47.49	ng	#	87
18) Hexachloroethane	7.18	117	275155	48.52	ng	#	87
19) n-Nitroso-di-n-propylamine	7.12	70	580349	50.06	ng		98
20) 3+4-Methylphenols	7.12	107	664533	46.18	ng		94
22) Acetophenone	7.10	105	989285	47.82	ng	#	99
24) Nitrobenzene	7.26	77	764214	45.21	ng		99
25) Isophorone	7.53	82	1474379	48.94	ng		98
26) 2-Nitrophenol	7.58	139	388751	50.84	ng		92
27) 2,4-Dimethylphenol	7.64	122	583202	48.30	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	880749	50.30	ng		99
29) 2,4-Dichlorophenol	7.83	162	550735	48.31	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	614933	49.57	ng		99
31) Naphthalene	7.98	128	1861817	48.48	ng		99
32) Benzoic acid	7.83	122	484814	50.04	ng		97
33) 4-Chloroaniline	8.04	127	742261	48.64	ng	#	86
34) Hexachlorobutadiene	8.09	225	361028	49.24	ng		98
35) Caprolactam	8.50	113	196741m	56.50	ng		
36) 4-Chloro-3-methylphenol	8.55	107	689483	52.26	ng		94
37) 2-Methylnaphthalene	8.66	142	1165191	46.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	589066	50.73	ng		98
40) Hexachlorocyclopentadiene	8.82	237	364449	52.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	429819	51.18	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	444056	51.85	ng		98
45) 1,1'-Biphenyl	9.13	154	1514940	50.26	ng		98
46) 2-Chloronaphthalene	9.15	162	1204837	50.82	ng		98
47) 2-Nitroaniline	9.26	65	422706	48.73	ng		97
48) Acenaphthylene	9.56	152	1846405	50.23	ng		98
49) Dimethylphthalate	9.45	163	1267079	46.41	ng		99
50) 2,6-Dinitrotoluene	9.51	165	318592	50.73	ng	#	85
51) Acenaphthene	9.74	154	1128184	50.67	ng		99
52) 3-Nitroaniline	9.68	138	376971	54.81	ng		85
53) 2,4-Dinitrophenol	9.77	184	182713	50.72	ng	#	51
54) Dibenzofuran	9.91	168	1574460	50.25	ng		98
55) 4-Nitrophenol	9.86	139	255905	50.06	ng	#	71
56) 2,4-Dinitrotoluene	9.91	165	396789	50.09	ng		89
57) Fluorene	10.25	166	1305527	50.43	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	345708	49.27	ng		97
59) Diethylphthalate	10.15	149	1409843	51.57	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	556858	47.30	ng	#	81
61) 4-Nitroaniline	10.30	138	334529	49.50	ng		94
62) Azobenzene	10.40	77	1508629	48.52	ng		85
64) 4,6-Dinitro-2-methylphenol	10.31	198	236311	48.09	ng	#	34
65) n-Nitrosodiphenylamine	10.36	169	1065732	46.43	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	393510	51.96	ng	#	84
67) Hexachlorobenzene	10.79	284	390935	47.16	ng		96
68) Atrazine	10.91	200	320232	47.78	ng		96
69) Pentachlorophenol	10.99	266	288769	51.68	ng		97
70) Phenanthrene	11.20	178	1815284	47.54	ng		97
71) Anthracene	11.26	178	1937893	49.05	ng		98
72) Carbazole	11.42	167	1759072	50.14	ng		98
73) Di-n-butylphthalate	11.76	149	2147403	49.70	ng		99
74) Fluoranthene	12.38	202	1848429	46.96	ng		97
76) Benzidine	12.51	184	775302	51.42	ng		100
77) Pyrene	12.61	202	1879848	48.51	ng		99
79) Butylbenzylphthalate	13.25	149	932278	49.79	ng	#	89
80) Benzo(a)anthracene	13.79	228	1724362m	47.29	ng		
81) 3,3'-Dichlorobenzidine	13.77	252	637296	51.43	ng	#	96
82) Chrysene	13.83	228	1528729m	49.86	ng		
83) Bis(2-ethylhexyl)phthalate	13.81	149	1200162	49.77	ng		99
84) Di-n-octyl phthalate	14.42	149	2045002	49.47	ng		99
85) Indeno(1,2,3-cd)pyrene	16.45	276	1393107	47.69	ng		97
87) Benzo(b)fluoranthene	14.80	252	1556375m	49.63	ng		
88) Benzo(k)fluoranthene	14.82	252	1150168m	48.21	ng		
89) Benzo(a)pyrene	15.12	252	1281648m	49.20	ng		
90) Dibenzo(a,h)anthracene	16.46	278	1156006	48.88	ng	#	97
91) Benzo(g,h,i)perylene	16.82	276	1143660	49.52	ng	#	96

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

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