Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083600.D
Acq On : 8 Dec 2015 17:19
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:18 PM

Quant Time: Dec 08 17:47:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	158951	20.00	ng		0.00
21) Naphthalene-d8	7.61	136	618419	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	303347	20.00	ng		0.01
63) Phenanthrene-d10	12.78	188	562072	20.00	ng		0.00
75) Chrysene-d12	17.00	240	416038	20.00	ng		0.01
86) Perylene-d12	18.64	264	313544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	1599720	152.24	ng		0.00
7) Phenol-d6	5.29	99	2140577	148.22	ng		0.01
23) Nitrobenzene-d5	6.56	82	2091104	158.49	ng		0.02
41) 2,4,6-Tribromophenol	11.69	330	427142	152.98	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	3022036	135.86	ng		0.01
78) Terphenyl-d14	15.43	244	2721025	147.51	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	387421	71.27	ng		98
3) Pyridine	2.26	79	1071597	83.11	ng		100
4) n-Nitrosodimethylamine	2.24	42	551880	83.56	ng		96
6) Aniline	5.26	93	1405860	75.26	ng		92
8) 2-Chlorophenol	5.42	128	876246	75.24	ng		96
9) Benzaldehyde	5.10	77	424141	51.83	ng		99
10) Phenol	5.31	94	1322283	77.42	ng	#	73
11) bis(2-Chloroethyl)ether	5.38	93	930281	74.18	ng		97
12) 1,3-Dichlorobenzene	5.62	146	984642	76.08	ng		98
13) 1,4-Dichlorobenzene	5.72	146	998196	75.53	ng		99
14) 1,2-Dichlorobenzene	5.94	146	897041	73.60	ng		98
15) Benzyl Alcohol	5.96	79	821170	81.71	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.13	45	1742830	74.75	ng		72
17) 2-Methylphenol	6.16	107	734720	76.20	ng	#	90
18) Hexachloroethane	6.42	117	354684	76.57	ng		93
19) n-Nitroso-di-n-propylamine	6.36	70	768050	79.54	ng		97
20) 3+4-Methylphenols	6.40	107	968028	77.92	ng		92
22) Acetophenone	6.34	105	1382897	77.77	ng	#	100
24) Nitrobenzene	6.58	77	1131836	77.61	ng		92
25) Isophorone	6.96	82	2043379	80.36	ng		99
26) 2-Nitrophenol	7.05	139	462773	80.33	ng		98
27) 2,4-Dimethylphenol	7.17	122	779594	76.88	ng		96
28) bis(2-Chloroethoxy)methane	7.30	93	1131572	79.96	ng		98
29) 2,4-Dichlorophenol	7.45	162	730077	79.60	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	781531	77.10	ng		99
31) Naphthalene	7.64	128	2442099	74.45	ng		98
32) Benzoic acid	7.56	122	546483	100.21	ng		95
33) 4-Chloroaniline	7.78	127	946237	74.21	ng	#	93
34) Hexachlorobutadiene	7.85	225	459489	76.72	ng		98
35) Caprolactam	8.45	113	233291m	80.01	ng		
36) 4-Chloro-3-methylphenol	8.62	107	830052	80.39	ng		99
37) 2-Methylnaphthalene	8.74	142	1494964	73.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	740633	74.13	ng	#	100
40) Hexachlorocyclopentadiene	8.99	237	194578	72.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	463806	74.49	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	460540	71.94	ng		98
45) 1,1'-Biphenyl	9.50	154	1901016	70.74	ng		98
46) 2-Chloronaphthalene	9.52	162	1444409	71.21	ng		95
47) 2-Nitroaniline	9.73	65	568736	78.61	ng		97
48) Acenaphthylene	10.17	152	2397013	72.21	ng		99
49) Dimethylphthalate	10.06	163	1864870	77.84	ng		99
50) 2,6-Dinitrotoluene	10.14	165	386337	76.83	ng		92
51) Acenaphthene	10.45	154	1369050	71.49	ng		99
52) 3-Nitroaniline	10.42	138	419620	77.05	ng		87
53) 2,4-Dinitrophenol	10.61	184	196246	90.28	ng		99
54) Dibenzofuran	10.74	168	1939565	73.00	ng		96
55) 4-Nitrophenol	10.81	139	208999	71.03	ng	#	67
56) 2,4-Dinitrotoluene	10.81	165	533326	80.51	ng	#	86
57) Fluorene	11.29	166	1619090	70.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.98	232	382721	79.41	ng	#	100
59) Diethylphthalate	11.21	149	1805926	78.47	ng		97
60) 4-Chlorophenyl-phenylether	11.31	204	796166	71.89	ng		100
61) 4-Nitroaniline	11.44	138	401853	81.64	ng		90
62) Azobenzene	11.57	77	1974987	79.32	ng		97
64) 4,6-Dinitro-2-methylphenol	11.48	198	310167	86.58	ng	#	75
65) n-Nitrosodiphenylamine	11.54	169	1404330	75.57	ng		98
66) 4-Bromophenyl-phenylether	12.10	248	473392	76.86	ng		98
67) Hexachlorobenzene	12.18	284	502376	76.36	ng	#	89
68) Atrazine	12.45	200	396187	70.37	ng		99
69) Pentachlorophenol	12.53	266	144969	58.87	ng		99
70) Phenanthrene	12.83	178	2325226	71.36	ng		98
71) Anthracene	12.92	178	2452263	73.64	ng		99
72) Carbazole	13.22	167	2114209	73.97	ng		96
73) Di-n-butylphthalate	13.84	149	2717572	78.35	ng		98
74) Fluoranthene	14.75	202	2417280	74.53	ng		96
76) Benzidine	15.03	184	854727	58.04	ng	#	95
77) Pyrene	15.12	202	2413803	78.19	ng		98
79) Butylbenzylphthalate	16.25	149	1136694	92.26	ng		93
80) Benzo(a)anthracene	16.99	228	1925408	79.38	ng		99
81) 3,3'-Dichlorobenzidine	16.98	252	614820	78.51	ng		96
82) Chrysene	17.04	228	1838727	75.84	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	1515072	92.39	ng	#	99
84) Di-n-octyl phthalate	17.86	149	2317265	98.03	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	1303291	65.04	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	1633215m	92.85	ng		
88) Benzo(k)fluoranthene	18.28	252	1208612m	66.03	ng		
89) Benzo(a)pyrene	18.58	252	1309078	76.64	ng	#	96
90) Dibenzo(a,h)anthracene	19.87	278	1105189	69.75	ng		96
91) Benzo(g,h,i)perylene	20.21	276	1107960	69.56	ng		98

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

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