Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082760.D
Acq On : 6 Nov 2015 14:38
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110715

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:12 PM

Quant Time: Nov 06 17:41:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 14:39:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209977	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	812339	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	407615	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	811602	20.00	ng		0.00
75) Chrysene-d12	14.03	240	644789	20.00	ng		0.01
86) Perylene-d12	15.48	264	648633	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1041519	77.18	ng		0.00
7) Phenol-d6	6.49	99	1292921	72.07	ng		0.01
23) Nitrobenzene-d5	7.42	82	1476487	79.09	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	340634	72.88	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2038081	71.66	ng		0.00
78) Terphenyl-d14	12.97	244	2263332	83.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	219428	37.68	ng		98
3) Pyridine	3.15	79	676943	40.06	ng		95
4) n-Nitrosodimethylamine	3.10	42	323457	38.60	ng		91
6) Aniline	6.51	93	928591	36.86	ng		96
8) 2-Chlorophenol	6.64	128	556426	37.19	ng		86
9) Benzaldehyde	6.40	77	379685	38.31	ng		87
10) Phenol	6.50	94	727876	35.76	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	567255	37.26	ng		91
12) 1,3-Dichlorobenzene	6.80	146	671809m	39.82	ng		
13) 1,4-Dichlorobenzene	6.86	146	617411	35.17	ng		99
14) 1,2-Dichlorobenzene	7.02	146	584094	36.59	ng		96
15) Benzyl Alcohol	7.00	79	634410	40.27	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	824609	36.93	ng		96
17) 2-Methylphenol	7.12	107	497450	39.26	ng		95
18) Hexachloroethane	7.37	117	229842	36.61	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	462176	35.04	ng		91
20) 3+4-Methylphenols	7.26	107	570047	34.60	ng	#	89
22) Acetophenone	7.26	105	821930	35.31	ng	#	86
24) Nitrobenzene	7.44	77	653807	34.25	ng		89
25) Isophorone	7.69	82	1305855	37.80	ng		96
26) 2-Nitrophenol	7.76	139	327936	41.15	ng	#	71
27) 2,4-Dimethylphenol	7.80	122	549169	38.35	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	721599	37.03	ng		99
29) 2,4-Dichlorophenol	8.00	162	466238	36.03	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	554573	38.11	ng		95
31) Naphthalene	8.17	128	1646819	36.74	ng		99
32) Benzoic acid	7.94	122	391016	39.89	ng		91
33) 4-Chloroaniline	8.21	127	734833	38.04	ng	#	86
34) Hexachlorobutadiene	8.29	225	339261	37.25	ng		98
35) Caprolactam	8.59	113	149029	36.53	ng	#	85
36) 4-Chloro-3-methylphenol	8.69	107	528388	34.72	ng		95
37) 2-Methylnaphthalene	8.85	142	1017361	35.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	554004	41.36	ng		98
40) Hexachlorocyclopentadiene	9.01	237	302228	42.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	386181	38.62	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	400861	41.67	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1420625	40.62	ng		98
46) 2-Chloronaphthalene	9.34	162	1104006	40.46	ng		98
47) 2-Nitroaniline	9.44	65	440549	43.53	ng	#	81
48) Acenaphthylene	9.76	152	1584716	37.06	ng		100
49) Dimethylphthalate	9.63	163	1397120	41.83	ng		98
50) 2,6-Dinitrotoluene	9.68	165	273994	38.45	ng		87
51) Acenaphthene	9.93	154	1007668	37.18	ng		99
52) 3-Nitroaniline	9.85	138	302030	38.54	ng		86
53) 2,4-Dinitrophenol	9.95	184	170986	43.70	ng	#	24
54) Dibenzofuran	10.10	168	1323287	36.22	ng		97
55) 4-Nitrophenol	10.01	139	261994	43.58	ng		92
56) 2,4-Dinitrotoluene	10.09	165	418778	43.32	ng	#	68
57) Fluorene	10.44	166	1083478	36.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	316036	39.16	ng	#	88
59) Diethylphthalate	10.33	149	1362456	41.78	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	592786	40.04	ng		97
61) 4-Nitroaniline	10.46	138	331913	42.12	ng		85
62) Azobenzene	10.60	77	1444188	41.23	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	227352	39.32	ng	#	49
65) n-Nitrosodiphenylamine	10.56	169	1016102	34.66	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	342627	35.06	ng	#	67
67) Hexachlorobenzene	10.99	284	382824	35.08	ng		89
68) Atrazine	11.08	200	297816	32.85	ng		99
69) Pentachlorophenol	11.18	266	275024	41.50	ng		97
70) Phenanthrene	11.40	178	1637560	34.74	ng		99
71) Anthracene	11.46	178	1880123	37.87	ng		98
72) Carbazole	11.61	167	1648354	37.93	ng		99
73) Di-n-butylphthalate	11.95	149	2064422	38.13	ng	#	98
74) Fluoranthene	12.59	202	1920961	37.98	ng		97
76) Benzidine	12.71	184	825242	38.19	ng		97
77) Pyrene	12.82	202	1954237	44.13	ng		100
79) Butylbenzylphthalate	13.45	149	890169	45.50	ng	#	71
80) Benzo(a)anthracene	14.01	228	1675653	41.56	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	561462	39.17	ng		100
82) Chrysene	14.05	228	1652790	44.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1217793	45.48	ng	#	98
84) Di-n-octyl phthalate	14.65	149	1891383	42.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.88	276	1406752	44.23	ng		99
87) Benzo(b)fluoranthene	15.07	252	1529714	36.74	ng		99
88) Benzo(k)fluoranthene	15.11	252	1393700m	37.73	ng		
89) Benzo(a)pyrene	15.43	252	1377261	38.18	ng	#	97
90) Dibenzo(a,h)anthracene	16.90	278	1160057	37.98	ng		99
91) Benzo(g,h,i)perylene	17.30	276	1102842	37.69	ng		99

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

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