Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082756.D
Acq On : 6 Nov 2015 12:29
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:00 PM

Quant Time: Nov 06 13:02:57 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 12:56:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171404	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	660519	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	341225	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	645664	20.00	ng		0.00
75) Chrysene-d12	14.02	240	597967	20.00	ng		0.00
86) Perylene-d12	15.46	264	506773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	893536	78.52	ng		0.00
7) Phenol-d6	6.49	99	1134586	75.04	ng		0.01
23) Nitrobenzene-d5	7.41	82	1204176	74.45	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	297626	79.70	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1779955	74.06	ng		0.00
78) Terphenyl-d14	12.97	244	2040420	74.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	193587	36.80	ng		98
3) Pyridine	3.15	79	570557	36.99	ng		97
4) n-Nitrosodimethylamine	3.10	42	266782	30.72	ng		91
6) Aniline	6.51	93	776470	36.89	ng		98
8) 2-Chlorophenol	6.64	128	482939	39.22	ng		87
9) Benzaldehyde	6.40	77	340860	33.02	ng		86
10) Phenol	6.50	94	696514	40.66	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	520412	41.18	ng		89
12) 1,3-Dichlorobenzene	6.80	146	556532m	39.64	ng		
13) 1,4-Dichlorobenzene	6.86	146	520078	37.35	ng		100
14) 1,2-Dichlorobenzene	7.02	146	520517	40.27	ng		95
15) Benzyl Alcohol	6.99	79	494869	35.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	707370	35.22	ng		95
17) 2-Methylphenol	7.12	107	415734	39.71	ng		95
18) Hexachloroethane	7.37	117	191967	35.32	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	419020	36.56	ng		88
20) 3+4-Methylphenols	7.26	107	481356	35.38	ng	#	88
22) Acetophenone	7.26	105	693301	35.65	ng	#	87
24) Nitrobenzene	7.44	77	596704	36.50	ng		90
25) Isophorone	7.68	82	1078035	36.23	ng		98
26) 2-Nitrophenol	7.76	139	283502	47.47	ng	#	68
27) 2,4-Dimethylphenol	7.80	122	444350	38.11	ng		91
28) bis(2-Chloroethoxy)methane	7.89	93	650128	39.94	ng		99
29) 2,4-Dichlorophenol	8.00	162	408063	38.40	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	468076	39.69	ng	#	95
31) Naphthalene	8.17	128	1394015	39.00	ng		98
32) Benzoic acid	7.93	122	324131	38.32	ng		98
33) 4-Chloroaniline	8.21	127	624549	40.93	ng	#	84
34) Hexachlorobutadiene	8.29	225	289378	38.58	ng		99
35) Caprolactam	8.59	113	138581	42.50	ng	#	64
36) 4-Chloro-3-methylphenol	8.69	107	479126	38.29	ng		91
37) 2-Methylnaphthalene	8.85	142	899947	38.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	484814	42.58	ng		97
40) Hexachlorocyclopentadiene	9.01	237	253486	35.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	322520	39.23	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	335211	40.92	ng	#	80
45) 1,1'-Biphenyl	9.32	154	1262824	43.81	ng		99
46) 2-Chloronaphthalene	9.34	162	965686	42.91	ng		99
47) 2-Nitroaniline	9.44	65	372540	42.58	ng	#	69
48) Acenaphthylene	9.76	152	1385264	38.48	ng		99
49) Dimethylphthalate	9.62	163	1014190	36.39	ng		100
50) 2,6-Dinitrotoluene	9.68	165	213302	36.93	ng		93
51) Acenaphthene	9.93	154	872899	38.20	ng		100
52) 3-Nitroaniline	9.85	138	293723	45.71	ng	#	76
53) 2,4-Dinitrophenol	9.95	184	151764	58.66	ng	#	12
54) Dibenzofuran	10.10	168	1172464	37.81	ng		95
55) 4-Nitrophenol	10.01	139	199549	41.27	ng	#	70
56) 2,4-Dinitrotoluene	10.08	165	292128	37.40	ng	#	94
57) Fluorene	10.44	166	971656	38.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	251436	36.32	ng		92
59) Diethylphthalate	10.32	149	1076569	37.95	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	473372	38.94	ng		92
61) 4-Nitroaniline	10.45	138	253928	41.41	ng		88
62) Azobenzene	10.59	77	1165639	36.43	ng		87
64) 4,6-Dinitro-2-methylphenol	10.49	198	179333	46.05	ng	#	65
65) n-Nitrosodiphenylamine	10.56	169	934660	42.11	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	282087	38.55	ng	#	71
67) Hexachlorobenzene	10.99	284	315487	38.89	ng	#	85
68) Atrazine	11.08	200	271872	37.44	ng		96
69) Pentachlorophenol	11.18	266	230655	43.12	ng		97
70) Phenanthrene	11.40	178	1497929	41.13	ng		99
71) Anthracene	11.45	178	1460992	39.85	ng		99
72) Carbazole	11.61	167	1407815	44.08	ng		98
73) Di-n-butylphthalate	11.95	149	1685096	41.45	ng	#	96
74) Fluoranthene	12.59	202	1628604	43.75	ng		95
76) Benzidine	12.70	184	842413	31.24	ng		99
77) Pyrene	12.82	202	1583763	35.77	ng		98
79) Butylbenzylphthalate	13.44	149	681896	35.16	ng		99
80) Benzo(a)anthracene	14.01	228	1412696	37.19	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	530312	40.52	ng	#	95
82) Chrysene	14.04	228	1260229	36.60	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	942800	37.50	ng		99
84) Di-n-octyl phthalate	14.64	149	1634826	41.69	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1118195	39.36	ng		99
87) Benzo(b)fluoranthene	15.05	252	1174986m	33.62	ng		
88) Benzo(k)fluoranthene	15.08	252	1209660m	45.44	ng		
89) Benzo(a)pyrene	15.40	252	1100931	40.00	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	936481	36.47	ng	#	97
91) Benzo(g,h,i)perylene	17.28	276	874518	35.14	ng		98

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

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