Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078502.D
Acq On : 14 Apr 2015 13:15
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/14/2015 5:27:23 PM

Quant Time: Apr 14 12:51:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 11:28:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	55322	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	240242	20.00	ng		0.00
38) Acenaphthene-d10	10.57	164	121777	20.00	ng		0.00
63) Phenanthrene-d10	12.39	188	236348	20.00	ng		0.00
75) Chrysene-d12	15.65	240	244669	20.00	ng		0.00
86) Perylene-d12	17.36	264	254889	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	259212	77.25	ng		0.01
7) Phenol-d6	6.43	99	328047	78.01	ng		0.00
23) Nitrobenzene-d5	7.54	82	324718	81.93	ng		0.01
41) 2,4,6-Tribromophenol	11.54	330	85473	84.63	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	637512	74.83	ng		0.00
78) Terphenyl-d14	14.38	244	810384	74.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	95610	63.01	ng	#	69
3) Pyridine	2.18	79	169659	42.69	ng		96
4) n-Nitrosodimethylamine	2.15	42	72780	47.57	ng		98
6) Aniline	6.42	93	250406	41.99	ng	#	87
8) 2-Chlorophenol	6.57	128	153466	38.68	ng		92
9) Benzaldehyde	6.27	77	101159	36.30	ng		99
10) Phenol	6.46	94	190253	37.76	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	142735	39.39	ng		98
12) 1,3-Dichlorobenzene	6.75	146	166773	38.27	ng	#	92
13) 1,4-Dichlorobenzene	6.86	146	168133	38.33	ng		96
14) 1,2-Dichlorobenzene	7.04	146	154850	37.65	ng		93
15) Benzyl Alcohol	7.04	79	137271	46.45	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.21	45	195224	40.39	ng		83
17) 2-Methylphenol	7.20	107	127890	41.52	ng		96
18) Hexachloroethane	7.45	117	54918	37.12	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	118587	42.74	ng	#	89
20) 3+4-Methylphenols	7.39	107	166030	40.40	ng		99
22) Acetophenone	7.36	105	224132	40.04	ng	#	96
24) Nitrobenzene	7.56	77	164303	39.65	ng		98
25) Isophorone	7.86	82	311669	41.43	ng		96
26) 2-Nitrophenol	7.95	139	84171	42.63	ng		97
27) 2,4-Dimethylphenol	8.04	122	139637	38.03	ng		98
28) bis(2-Chloroethoxy)methane	8.15	93	181642	37.66	ng		99
29) 2,4-Dichlorophenol	8.26	162	130060	38.94	ng		98
30) 1,2,4-Trichlorobenzene	8.34	180	135573	35.40	ng	#	97
31) Naphthalene	8.43	128	471476	37.71	ng		99
32) Benzoic acid	8.19	122	74365	43.66	ng		95
33) 4-Chloroaniline	8.52	127	206915	39.88	ng		99
34) Hexachlorobutadiene	8.59	225	80987	38.51	ng		97
35) Caprolactam	8.98	113	47178	47.32	ng	#	74
36) 4-Chloro-3-methylphenol	9.15	107	139424	41.37	ng		95
37) 2-Methylnaphthalene	9.29	142	313228	36.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	141097	37.39	ng		99
40) Hexachlorocyclopentadiene	9.48	237	17236	16.52	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	99887	41.98	ng		98
43) 2,4,5-Trichlorophenol	9.70	196	99043	39.84	ng		97
45) 1,1'-Biphenyl	9.87	154	372240	37.37	ng		98
46) 2-Chloronaphthalene	9.88	162	290191	37.03	ng		96
47) 2-Nitroaniline	10.03	65	90871	46.86	ng	#	83
48) Acenaphthylene	10.39	152	487112	38.49	ng		99
49) Dimethylphthalate	10.28	163	368686	40.30	ng	#	96
50) 2,6-Dinitrotoluene	10.35	165	81170	43.12	ng		96
51) Acenaphthene	10.60	154	271975	38.17	ng		100
52) 3-Nitroaniline	10.55	138	102232	47.77	ng		91
53) 2,4-Dinitrophenol	10.68	184	6972	19.89	ng		97
54) Dibenzofuran	10.82	168	418649	38.47	ng		100
55) 4-Nitrophenol	10.79	139	55004m	36.46	ng		
56) 2,4-Dinitrotoluene	10.84	165	110016	45.13	ng	#	85
57) Fluorene	11.24	166	360224	40.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	76181	41.33	ng		98
59) Diethylphthalate	11.14	149	373253	42.31	ng		96
60) 4-Chlorophenyl-phenylether	11.26	204	159599	39.33	ng	#	76
61) 4-Nitroaniline	11.30	138	98058	45.32	ng		92
62) Azobenzene	11.45	77	361077	44.85	ng		97
64) 4,6-Dinitro-2-methylphenol	11.34	198	16570	20.17	ng		88
65) n-Nitrosodiphenylamine	11.42	169	322919	39.50	ng		99
66) 4-Bromophenyl-phenylether	11.86	248	99591	39.79	ng	#	86
67) Hexachlorobenzene	11.91	284	98397	35.87	ng	#	85
68) Atrazine	12.09	200	88929	37.56	ng		94
69) Pentachlorophenol	12.17	266	50961	45.59	ng		99
70) Phenanthrene	12.42	178	524830	38.39	ng		99
71) Anthracene	12.48	178	523607	38.87	ng		99
72) Carbazole	12.70	167	489145	38.74	ng		99
73) Di-n-butylphthalate	13.17	149	644127	45.04	ng		99
74) Fluoranthene	13.89	202	587739	40.76	ng		91
76) Benzidine	14.08	184	363565	38.59	ng		98
77) Pyrene	14.16	202	599941	39.06	ng		100
79) Butylbenzylphthalate	15.01	149	298160	50.93	ng	#	85
80) Benzo(a)anthracene	15.63	228	559672	38.45	ng		97
81) 3,3'-Dichlorobenzidine	15.62	252	213008	43.69	ng	#	97
82) Chrysene	15.68	228	532003	38.90	ng		100
83) Bis(2-ethylhexyl)phthalate	15.73	149	446424	48.62	ng	#	96
84) Di-n-octyl phthalate	16.51	149	773848	51.33	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.59	276	659601	42.50	ng	#	86
87) Benzo(b)fluoranthene	16.93	252	612120	38.86	ng		99
88) Benzo(k)fluoranthene	16.95	252	529035	37.79	ng		98
89) Benzo(a)pyrene	17.29	252	529187	38.49	ng	#	94
90) Dibenzo(a,h)anthracene	18.63	278	526293	38.24	ng		97
91) Benzo(g,h,i)perylene	18.95	276	509090	36.89	ng		98

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

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