Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078602.D
Acq On : 17 Apr 2015 13:19
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
4/20/2015 3:56:33 PM

Quant Time: Apr 20 11:41:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	31706	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	131480	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	66784	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	140451	20.00	ng		0.00
75) Chrysene-d12	15.46	240	150457	20.00	ng		0.00
86) Perylene-d12	17.15	264	153815	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	154315	80.25	ng		0.00
7) Phenol-d6	6.28	99	198933	82.55	ng		0.00
23) Nitrobenzene-d5	7.38	82	181026	83.45	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	55087	99.46	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	377498	80.80	ng		0.00
78) Terphenyl-d14	14.21	244	527917	79.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.44	88	29869	34.35	ng		95
3) Pyridine	1.96	79	101370	44.50	ng	#	79
4) n-Nitrosodimethylamine	1.92	42	41548m	47.39	ng		
6) Aniline	6.26	93	141061	41.27	ng	#	87
8) 2-Chlorophenol	6.41	128	90491	39.80	ng		93
9) Benzaldehyde	6.11	77	44483	27.85	ng		97
10) Phenol	6.30	94	115366	39.95	ng		93
11) bis(2-Chloroethyl)ether	6.39	93	82712	39.83	ng		96
12) 1,3-Dichlorobenzene	6.59	146	101050	40.46	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	101295	40.29	ng		98
14) 1,2-Dichlorobenzene	6.88	146	92918	39.42	ng		96
15) Benzyl Alcohol	6.88	79	75042	44.31	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	108924	39.32	ng		78
17) 2-Methylphenol	7.05	107	72558	41.10	ng		95
18) Hexachloroethane	7.29	117	35278	41.61	ng	#	84
19) n-Nitroso-di-n-propylamine	7.22	70	68373	43.00	ng		90
20) 3+4-Methylphenols	7.26	107	99732	42.35	ng		91
22) Acetophenone	7.20	105	125524	40.97	ng	#	88
24) Nitrobenzene	7.40	77	96026	42.35	ng	#	86
25) Isophorone	7.71	82	181463	44.08	ng		100
26) 2-Nitrophenol	7.80	139	46938	43.44	ng	#	89
27) 2,4-Dimethylphenol	7.90	122	84580	42.09	ng		98
28) bis(2-Chloroethoxy)methane	8.01	93	107861	40.86	ng		99
29) 2,4-Dichlorophenol	8.10	162	75747	41.44	ng		88
30) 1,2,4-Trichlorobenzene	8.19	180	82470	39.35	ng		97
31) Naphthalene	8.28	128	276186	40.36	ng		99
32) Benzoic acid	8.04	122	47046m	49.57	ng		
33) 4-Chloroaniline	8.38	127	123980	43.66	ng		98
34) Hexachlorobutadiene	8.44	225	48798	42.40	ng		99
35) Caprolactam	8.81	113	26857	49.22	ng		97
36) 4-Chloro-3-methylphenol	9.00	107	82928	44.96	ng		93
37) 2-Methylnaphthalene	9.14	142	188216	40.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	85699	41.41	ng		100
40) Hexachlorocyclopentadiene	9.32	237	29019	36.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	57994	44.44	ng		97
43) 2,4,5-Trichlorophenol	9.55	196	60138	44.11	ng	#	87
45) 1,1'-Biphenyl	9.72	154	221884	40.62	ng		99
46) 2-Chloronaphthalene	9.74	162	175254	40.78	ng		94
47) 2-Nitroaniline	9.87	65	48380	45.50	ng		95
48) Acenaphthylene	10.23	152	289832	41.76	ng		98
49) Dimethylphthalate	10.12	163	215026	42.86	ng		99
50) 2,6-Dinitrotoluene	10.19	165	48810	47.28	ng	#	77
51) Acenaphthene	10.44	154	160024	40.95	ng		99
52) 3-Nitroaniline	10.39	138	57663	49.13	ng		98
53) 2,4-Dinitrophenol	10.54	184	17013	52.07	ng	#	89
54) Dibenzofuran	10.66	168	257983	43.22	ng		99
55) 4-Nitrophenol	10.65	139	49145m	57.66	ng		
56) 2,4-Dinitrotoluene	10.68	165	66089	49.43	ng		93
57) Fluorene	11.08	166	211574	43.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.82	232	46436m	45.94	ng		
59) Diethylphthalate	10.99	149	223901	46.28	ng		99
60) 4-Chlorophenyl-phenylether	11.10	204	94957	42.67	ng	#	73
61) 4-Nitroaniline	11.13	138	52068	43.88	ng		93
62) Azobenzene	11.29	77	213096	48.26	ng		96
64) 4,6-Dinitro-2-methylphenol	11.18	198	31043	45.14	ng		92
65) n-Nitrosodiphenylamine	11.26	169	196229	40.39	ng		98
66) 4-Bromophenyl-phenylether	11.69	248	58413	39.27	ng	#	91
67) Hexachlorobenzene	11.75	284	64937	39.84	ng		94
68) Atrazine	11.93	200	57467	40.84	ng		95
69) Pentachlorophenol	12.00	266	27813	42.51	ng		97
70) Phenanthrene	12.25	178	323950	39.87	ng		100
71) Anthracene	12.31	178	324289	40.51	ng		100
72) Carbazole	12.54	167	312143	41.60	ng		99
73) Di-n-butylphthalate	13.01	149	405716	47.73	ng		99
74) Fluoranthene	13.70	202	361270	42.17	ng		98
76) Benzidine	13.91	184	157817	27.24	ng		98
77) Pyrene	13.98	202	371716	39.36	ng		98
79) Butylbenzylphthalate	14.83	149	184565	51.27	ng		95
80) Benzo(a)anthracene	15.45	228	366003	40.89	ng		97
81) 3,3'-Dichlorobenzidine	15.45	252	133950	44.68	ng	#	98
82) Chrysene	15.50	228	353709	42.05	ng		100
83) Bis(2-ethylhexyl)phthalate	15.57	149	280828	49.74	ng		99
84) Di-n-octyl phthalate	16.34	149	508945	54.90	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.34	276	437401	45.83	ng	#	87
87) Benzo(b)fluoranthene	16.73	252	395727	41.63	ng		99
88) Benzo(k)fluoranthene	16.75	252	348831m	41.29	ng		
89) Benzo(a)pyrene	17.10	252	360195	43.42	ng		98
90) Dibenzo(a,h)anthracene	18.37	278	356546	42.93	ng		98
91) Benzo(g,h,i)perylene	18.66	276	354592	42.58	ng		98

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

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