Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078989.D
Acq On : 7 May 2015 10:00
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/7/2015 1:58:58 PM

Quant Time: May 07 13:05:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	95378	20.00	ng		-0.02
21) Naphthalene-d8	8.92	136	407347	20.00	ng		-0.02
38) Acenaphthene-d10	11.11	164	207429	20.00	ng		-0.02
63) Phenanthrene-d10	12.96	188	402854	20.00	ng		-0.01
75) Chrysene-d12	16.29	240	430152	20.00	ng		-0.01
86) Perylene-d12	18.14	264	466379	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	434227	78.37	ng		-0.01
7) Phenol-d6	6.91	99	617368	84.29	ng		-0.01
23) Nitrobenzene-d5	8.04	82	562418	79.35	ng		-0.02
41) 2,4,6-Tribromophenol	12.09	330	179160	79.84	ng		-0.02
44) 2-Fluorobiphenyl	10.27	172	1039338	69.81	ng		-0.02
78) Terphenyl-d14	14.95	244	1261267	70.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	88795	36.86	ng	#	22
3) Pyridine	3.06	79	285456	40.49	ng		91
4) n-Nitrosodimethylamine	2.98	42	120591	39.92	ng		91
6) Aniline	6.94	93	409551	39.62	ng	#	87
8) 2-Chlorophenol	7.08	128	253760	40.38	ng		96
9) Benzaldehyde	6.80	77	183742	37.24	ng		90
10) Phenol	6.92	94	340234	40.05	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	244136	39.20	ng		95
12) 1,3-Dichlorobenzene	7.28	146	281389	39.84	ng	#	92
13) 1,4-Dichlorobenzene	7.37	146	274650	37.78	ng		95
14) 1,2-Dichlorobenzene	7.55	146	257022	37.98	ng		96
15) Benzyl Alcohol	7.53	79	213597	39.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	356336	37.39	ng		96
17) 2-Methylphenol	7.68	107	207632	41.06	ng		96
18) Hexachloroethane	7.98	117	86177	34.42	ng		94
19) n-Nitroso-di-n-propylamine	7.86	70	181888	36.77	ng		94
20) 3+4-Methylphenols	7.86	107	278582	41.34	ng	#	85
22) Acetophenone	7.86	105	356191	38.70	ng	#	98
24) Nitrobenzene	8.07	77	289146	41.16	ng		92
25) Isophorone	8.36	82	496615	37.79	ng		97
26) 2-Nitrophenol	8.46	139	124336	42.76	ng	#	82
27) 2,4-Dimethylphenol	8.52	122	220366	37.87	ng		94
28) bis(2-Chloroethoxy)methane	8.64	93	298293	36.82	ng		99
29) 2,4-Dichlorophenol	8.75	162	209535	40.50	ng		96
30) 1,2,4-Trichlorobenzene	8.86	180	213243	37.52	ng		94
31) Naphthalene	8.96	128	757661	39.04	ng		99
32) Benzoic acid	8.63	122	160432	44.54	ng		96
33) 4-Chloroaniline	9.03	127	333055	40.55	ng		96
34) Hexachlorobutadiene	9.11	225	119836	36.61	ng		98
35) Caprolactam	9.46	113	68502	40.94	ng		90
36) 4-Chloro-3-methylphenol	9.63	107	239712	44.11	ng		94
37) 2-Methylnaphthalene	9.82	142	529893	39.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	216793	37.11	ng	#	100
40) Hexachlorocyclopentadiene	10.00	237	28195	9.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	155758	38.78	ng		98
43) 2,4,5-Trichlorophenol	10.20	196	156897	38.64	ng	#	90
45) 1,1'-Biphenyl	10.40	154	610053	36.99	ng		97
46) 2-Chloronaphthalene	10.42	162	475804	36.99	ng		95
47) 2-Nitroaniline	10.55	65	155804	41.81	ng		91
48) Acenaphthylene	10.94	152	804782	38.11	ng		99
49) Dimethylphthalate	10.79	163	561814	36.90	ng		100
50) 2,6-Dinitrotoluene	10.86	165	115047	38.29	ng		87
51) Acenaphthene	11.15	154	450990	35.81	ng		98
52) 3-Nitroaniline	11.06	138	166080	44.25	ng	#	94
53) 2,4-Dinitrophenol	11.19	184	16400	24.66	ng	#	82
54) Dibenzofuran	11.36	168	653075	35.90	ng		97
55) 4-Nitrophenol	11.27	139	113549	38.23	ng	#	79
56) 2,4-Dinitrotoluene	11.36	165	150199	37.82	ng	#	73
57) Fluorene	11.79	166	545058	36.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	125975	37.97	ng	#	100
59) Diethylphthalate	11.67	149	549653	36.44	ng		98
60) 4-Chlorophenyl-phenylether	11.79	204	231603	34.96	ng		92
61) 4-Nitroaniline	11.82	138	152807	40.70	ng		92
62) Azobenzene	11.99	77	527517	35.50	ng		95
64) 4,6-Dinitro-2-methylphenol	11.86	198	36991	26.95	ng	#	59
65) n-Nitrosodiphenylamine	11.94	169	480969	35.85	ng		99
66) 4-Bromophenyl-phenylether	12.40	248	151148	36.00	ng	#	84
67) Hexachlorobenzene	12.47	284	175669	36.60	ng	#	87
68) Atrazine	12.62	200	136163	34.90	ng		98
69) Pentachlorophenol	12.72	266	85176	34.58	ng		99
70) Phenanthrene	12.98	178	801217	35.55	ng		99
71) Anthracene	13.05	178	846014	38.26	ng		99
72) Carbazole	13.26	167	833180	39.54	ng		99
73) Di-n-butylphthalate	13.70	149	942064	37.28	ng	#	98
74) Fluoranthene	14.47	202	925062	39.39	ng		95
76) Benzidine	14.64	184	536493	46.28	ng		98
77) Pyrene	14.74	202	953473	38.47	ng		99
79) Butylbenzylphthalate	15.58	149	438797	40.50	ng		88
80) Benzo(a)anthracene	16.27	228	907762	38.54	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	364820	43.48	ng		100
82) Chrysene	16.32	228	824735	36.40	ng		99
83) Bis(2-ethylhexyl)phthalate	16.32	149	564279	34.38	ng	#	96
84) Di-n-octyl phthalate	17.17	149	1037928	35.91	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.66	276	1093779	37.89	ng	#	100
87) Benzo(b)fluoranthene	17.66	252	921537	36.10	ng		98
88) Benzo(k)fluoranthene	17.69	252	924309m	37.40	ng		
89) Benzo(a)pyrene	18.07	252	885647	37.68	ng	#	96
90) Dibenzo(a,h)anthracene	19.69	278	884096	35.39	ng		98
91) Benzo(g,h,i)perylene	20.11	276	863324	34.48	ng		99

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

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