Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079400.D
Acq On : 21 May 2015 1:42
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/21/2015 4:30:01 PM

Quant Time: May 21 06:07:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.10	152	53699m	20.00	ng		-0.03
21) Naphthalene-d8	8.67	136	225125	20.00	ng		-0.03
38) Acenaphthene-d10	10.83	164	108235	20.00	ng		-0.05
63) Phenanthrene-d10	12.67	188	210313	20.00	ng		-0.05
75) Chrysene-d12	15.95	240	218151	20.00	ng		-0.07
86) Perylene-d12	17.65	264	224412	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	270690m	86.77	ng		-0.05
7) Phenol-d6	6.67	99	349910m	84.86	ng		-0.03
23) Nitrobenzene-d5	7.78	82	320933	81.93	ng		-0.05
41) 2,4,6-Tribromophenol	11.82	330	96397	82.33	ng		-0.05
44) 2-Fluorobiphenyl	10.01	172	646822	83.26	ng		-0.05
78) Terphenyl-d14	14.67	244	770990	84.61	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	66783m	49.24	ng		
3) Pyridine	2.63	79	157803m	39.75	ng		
4) n-Nitrosodimethylamine	2.55	42	71764m	42.20	ng		
6) Aniline	6.67	93	252654m	43.41	ng		
8) 2-Chlorophenol	6.82	128	156117m	44.12	ng		
9) Benzaldehyde	6.54	77	105145m	37.85	ng		
10) Phenol	6.68	94	207896m	43.46	ng		
11) bis(2-Chloroethyl)ether	6.79	93	149867m	42.74	ng		
12) 1,3-Dichlorobenzene	7.02	146	172413m	43.35	ng		
13) 1,4-Dichlorobenzene	7.11	146	172909m	42.25	ng		
14) 1,2-Dichlorobenzene	7.29	146	167221m	43.89	ng		
15) Benzyl Alcohol	7.28	79	124359m	40.63	ng		
16) 2,2'-oxybis(1-Chloropropan	7.46	45	214751m	40.03	ng		
17) 2-Methylphenol	7.44	107	120537	42.33	ng		97
18) Hexachloroethane	7.71	117	44015	31.22	ng		90
19) n-Nitroso-di-n-propylamine	7.61	70	111603	40.07	ng	#	96
20) 3+4-Methylphenols	7.62	107	161714	42.62	ng	#	47
22) Acetophenone	7.60	105	210550	41.40	ng	#	91
24) Nitrobenzene	7.80	77	153946	39.65	ng		98
25) Isophorone	8.11	82	312215	42.99	ng		99
26) 2-Nitrophenol	8.20	139	28844	17.95	ng		99
27) 2,4-Dimethylphenol	8.27	122	138331	43.02	ng		94
28) bis(2-Chloroethoxy)methane	8.40	93	182250	40.71	ng		99
29) 2,4-Dichlorophenol	8.50	162	128314	44.87	ng		97
30) 1,2,4-Trichlorobenzene	8.60	180	136658	43.50	ng		98
31) Naphthalene	8.70	128	467980	43.63	ng		99
32) Benzoic acid	8.41	122	71855m	37.29	ng		
33) 4-Chloroaniline	8.78	127	201281	44.35	ng	#	91
34) Hexachlorobutadiene	8.84	225	73503	40.63	ng		97
35) Caprolactam	9.21	113	41113	44.46	ng		93
36) 4-Chloro-3-methylphenol	9.39	107	132525	44.12	ng		98
37) 2-Methylnaphthalene	9.55	142	320632	43.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	130987	42.97	ng		98
42) 2,4,6-Trichlorophenol	9.91	196	91859	43.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.96	196	92615	43.71	ng		98
45) 1,1'-Biphenyl	10.14	154	364108	42.32	ng		98
46) 2-Chloronaphthalene	10.16	162	291767	43.47	ng	#	91
47) 2-Nitroaniline	10.28	65	82156	42.25	ng		97
48) Acenaphthylene	10.66	152	486088	44.11	ng		99
49) Dimethylphthalate	10.52	163	331397	41.72	ng		99
50) 2,6-Dinitrotoluene	10.60	165	48192	30.74	ng		97
51) Acenaphthene	10.88	154	276094	42.01	ng		99
52) 3-Nitroaniline	10.80	138	95080	48.55	ng		96
54) Dibenzofuran	11.10	168	404440	42.61	ng		97
55) 4-Nitrophenol	11.03	139	35227	22.73	ng		98
56) 2,4-Dinitrotoluene	11.10	165	56273	27.15	ng	#	57
57) Fluorene	11.52	166	342237	43.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.26	232	73098	42.22	ng		99
59) Diethylphthalate	11.40	149	338312	42.99	ng		97
60) 4-Chlorophenyl-phenylether	11.53	204	151650	43.88	ng		93
61) 4-Nitroaniline	11.55	138	97723	49.88	ng		96
62) Azobenzene	11.73	77	323981	41.78	ng		96
65) n-Nitrosodiphenylamine	11.68	169	299860	42.81	ng		99
66) 4-Bromophenyl-phenylether	12.14	248	89902	41.01	ng	#	83
67) Hexachlorobenzene	12.19	284	102206	40.79	ng	#	81
68) Atrazine	12.35	200	83696	41.09	ng		97
69) Pentachlorophenol	12.45	266	43589	34.03	ng		98
70) Phenanthrene	12.71	178	498741	42.39	ng		100
71) Anthracene	12.77	178	488883	42.35	ng		99
72) Carbazole	12.98	167	485439	44.12	ng		99
73) Di-n-butylphthalate	13.43	149	577830	43.80	ng	#	98
74) Fluoranthene	14.18	202	537863	43.87	ng		96
76) Benzidine	14.37	184	263425	44.80	ng		98
77) Pyrene	14.46	202	550733	43.81	ng		99
79) Butylbenzylphthalate	15.29	149	261442	47.58	ng		96
80) Benzo(a)anthracene	15.94	228	515027	43.11	ng		100
81) 3,3'-Dichlorobenzidine	15.93	252	197473	46.41	ng		99
82) Chrysene	15.99	228	483918	42.12	ng		99
83) Bis(2-ethylhexyl)phthalate	16.01	149	378021	45.42	ng		100
84) Di-n-octyl phthalate	16.79	149	655682	44.73	ng		97
85) Indeno(1,2,3-cd)pyrene	18.99	276	578067	39.49	ng		100
87) Benzo(b)fluoranthene	17.21	252	550693	44.83	ng		98
88) Benzo(k)fluoranthene	17.25	252	466396m	39.22	ng		
89) Benzo(a)pyrene	17.59	252	481062	42.53	ng		100
90) Dibenzo(a,h)anthracene	19.02	278	485721	40.41	ng		98
91) Benzo(g,h,i)perylene	19.39	276	477582	39.64	ng	#	95

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

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