Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079580.D
Acq On : 30 May 2015 00:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/1/2015 4:21:47 PM

Quant Time: May 30 01:31:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78866	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	321486	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	152333	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	276627	20.00	ng		0.00
75) Chrysene-d12	15.79	240	253864	20.00	ng		-0.08
86) Perylene-d12	17.52	264	254902m	20.00	ng		-0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	376015	82.70	ng		-0.01
7) Phenol-d6	6.55	99	471260	81.31	ng		0.00
23) Nitrobenzene-d5	7.66	82	469014	84.33	ng		0.00
41) 2,4,6-Tribromophenol	11.67	330	141757	84.72	ng		-0.01
44) 2-Fluorobiphenyl	9.87	172	860273	80.57	ng		-0.01
78) Terphenyl-d14	14.51	244	877237	81.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	89215	41.25	ng	#	100
3) Pyridine	2.40	79	200092	42.01	ng		96
4) n-Nitrosodimethylamine	2.33	42	98170	41.86	ng		92
6) Aniline	6.54	93	337633	41.05	ng		98
8) 2-Chlorophenol	6.68	128	219388	41.45	ng		98
9) Benzaldehyde	6.40	77	131387	40.85	ng		96
10) Phenol	6.56	94	273299	40.05	ng		89
11) bis(2-Chloroethyl)ether	6.65	93	208589	42.26	ng		93
12) 1,3-Dichlorobenzene	6.87	146	238693	40.70	ng		99
13) 1,4-Dichlorobenzene	6.97	146	247581	41.39	ng		98
14) 1,2-Dichlorobenzene	7.15	146	225222	40.54	ng		100
15) Benzyl Alcohol	7.15	79	176762	41.50	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	284723	39.41	ng		94
17) 2-Methylphenol	7.31	107	170637	41.03	ng		99
18) Hexachloroethane	7.56	117	83531	40.57	ng		96
19) n-Nitroso-di-n-propylamine	7.48	70	164073	40.24	ng	#	92
20) 3+4-Methylphenols	7.51	107	227767	39.86	ng		93
22) Acetophenone	7.47	105	300258	41.69	ng	#	93
24) Nitrobenzene	7.68	77	229997	41.96	ng	#	84
25) Isophorone	7.98	82	410299	40.47	ng		94
26) 2-Nitrophenol	8.07	139	111980	43.15	ng	#	86
27) 2,4-Dimethylphenol	8.15	122	189692	40.66	ng		95
28) bis(2-Chloroethoxy)methane	8.26	93	256000	40.74	ng		98
29) 2,4-Dichlorophenol	8.38	162	182981	42.82	ng		96
30) 1,2,4-Trichlorobenzene	8.47	180	188681	42.57	ng		94
31) Naphthalene	8.56	128	629804	40.82	ng		99
32) Benzoic acid	8.30	122	119458	41.26	ng		95
33) 4-Chloroaniline	8.64	127	276124	42.84	ng		95
34) Hexachlorobutadiene	8.71	225	103721	41.14	ng		97
35) Caprolactam	9.08	113	51488	38.21	ng		88
36) 4-Chloro-3-methylphenol	9.27	107	189647	42.79	ng		88
37) 2-Methylnaphthalene	9.42	142	446024	41.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	182543	42.84	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	31074	35.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	122319	41.11	ng		99
43) 2,4,5-Trichlorophenol	9.83	196	128208	43.29	ng		92
45) 1,1'-Biphenyl	10.00	154	497497	41.81	ng		99
46) 2-Chloronaphthalene	10.01	162	391980	41.72	ng		99
47) 2-Nitroaniline	10.16	65	112138	40.14	ng	#	57
48) Acenaphthylene	10.51	152	632980	40.58	ng		99
49) Dimethylphthalate	10.40	163	443786	39.54	ng		98
50) 2,6-Dinitrotoluene	10.47	165	97260	43.37	ng	#	80
51) Acenaphthene	10.73	154	362758	40.67	ng		98
52) 3-Nitroaniline	10.67	138	116566	39.96	ng	#	72
53) 2,4-Dinitrophenol	10.82	184	24940	38.72	ng	#	88
54) Dibenzofuran	10.95	168	536847	40.81	ng		98
55) 4-Nitrophenol	10.91	139	51702m	31.96	ng		
56) 2,4-Dinitrotoluene	10.97	165	122784	40.83	ng	#	68
57) Fluorene	11.37	166	444403	40.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.11	232	89850	41.69	ng	#	100
59) Diethylphthalate	11.27	149	438942	39.95	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	192126	41.01	ng		98
61) 4-Nitroaniline	11.43	138	108784	40.03	ng		76
62) Azobenzene	11.58	77	402510	37.67	ng		98
64) 4,6-Dinitro-2-methylphenol	11.46	198	51348	38.36	ng		79
65) n-Nitrosodiphenylamine	11.53	169	374413	40.75	ng		99
66) 4-Bromophenyl-phenylether	11.99	248	123374	43.31	ng		94
67) Hexachlorobenzene	12.04	284	140937	43.39	ng	#	91
68) Atrazine	12.22	200	101963	41.08	ng		98
69) Pentachlorophenol	12.31	266	45989	36.96	ng		94
70) Phenanthrene	12.55	178	613756	40.44	ng		100
71) Anthracene	12.62	178	626183	40.64	ng		99
72) Carbazole	12.83	167	576479	38.86	ng		99
73) Di-n-butylphthalate	13.29	149	702564	42.24	ng		99
74) Fluoranthene	14.02	202	628245	38.60	ng		98
76) Benzidine	14.22	184	293303	53.94	ng		99
77) Pyrene	14.30	202	640990	40.76	ng		100
79) Butylbenzylphthalate	15.14	149	285152	40.31	ng	#	87
80) Benzo(a)anthracene	15.78	228	565183	38.70	ng		100
81) 3,3'-Dichlorobenzidine	15.77	252	207727	38.84	ng		99
82) Chrysene	15.83	228	543200	39.13	ng		100
83) Bis(2-ethylhexyl)phthalate	15.86	149	412016	40.66	ng	#	99
84) Di-n-octyl phthalate	16.65	149	680939	38.61	ng		100
85) Indeno(1,2,3-cd)pyrene	19.19	276	575536	32.23	ng		95
87) Benzo(b)fluoranthene	17.07	252	615300m	42.32	ng		
88) Benzo(k)fluoranthene	17.11	252	519561m	39.96	ng		
89) Benzo(a)pyrene	17.45	252	543005m	42.49	ng		
90) Dibenzo(a,h)anthracene	18.83	278	570563m	42.70	ng		
91) Benzo(g,h,i)perylene	19.19	276	581180m	43.65	ng		

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

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