Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079518.D
Acq On : 27 May 2015 14:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
5/28/2015 12:03:14 PM

Quant Time: May 27 16:42:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	68937	20.00	ng		-0.01
21) Naphthalene-d8	8.58	136	290696	20.00	ng		-0.01
38) Acenaphthene-d10	10.74	164	149821	20.00	ng		-0.02
63) Phenanthrene-d10	12.58	188	291690	20.00	ng		-0.01
75) Chrysene-d12	15.94	240	295856	20.00	ng		0.07
86) Perylene-d12	17.89	264	301386	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	322046	81.03	ng		-0.02
7) Phenol-d6	6.59	99	422955	83.49	ng		-0.02
23) Nitrobenzene-d5	7.70	82	424350	84.38	ng		-0.01
41) 2,4,6-Tribromophenol	11.74	330	142987	86.89	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	869971	82.84	ng		-0.01
78) Terphenyl-d14	14.59	244	1060205	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	89229m	47.19	ng		
3) Pyridine	2.46	79	163573m	39.29	ng		
4) n-Nitrosodimethylamine	2.39	42	79159m	38.62	ng		
6) Aniline	6.59	93	297539	41.38	ng		99
8) 2-Chlorophenol	6.73	128	192820	41.68	ng		92
9) Benzaldehyde	6.44	77	115958	41.35	ng		99
10) Phenol	6.62	94	240171	40.26	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	181286	42.02	ng		93
12) 1,3-Dichlorobenzene	6.92	146	211733	41.31	ng	#	93
13) 1,4-Dichlorobenzene	7.02	146	207751	39.73	ng		96
14) 1,2-Dichlorobenzene	7.20	146	196389	40.44	ng		96
15) Benzyl Alcohol	7.20	79	162895	43.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.37	45	268343	42.49	ng		98
17) 2-Methylphenol	7.36	107	151422	41.66	ng		98
18) Hexachloroethane	7.62	117	74938	41.64	ng	#	81
19) n-Nitroso-di-n-propylamine	7.53	70	155689	43.68	ng	#	93
20) 3+4-Methylphenols	7.55	107	203063	40.65	ng		94
22) Acetophenone	7.52	105	273073	41.93	ng	#	95
24) Nitrobenzene	7.72	77	209101	42.19	ng	#	88
25) Isophorone	8.02	82	397932	43.41	ng	#	92
26) 2-Nitrophenol	8.11	139	103189	43.97	ng	#	77
27) 2,4-Dimethylphenol	8.19	122	170725	40.47	ng		94
28) bis(2-Chloroethoxy)methane	8.31	93	241914	42.58	ng		98
29) 2,4-Dichlorophenol	8.42	162	164258	42.51	ng		90
30) 1,2,4-Trichlorobenzene	8.51	180	171092	42.69	ng		98
31) Naphthalene	8.60	128	579273	41.52	ng		99
32) Benzoic acid	8.34	122	117975	45.07	ng		97
33) 4-Chloroaniline	8.70	127	249591	42.82	ng		94
34) Hexachlorobutadiene	8.76	225	95539	41.91	ng		96
35) Caprolactam	9.13	113	55893	45.87	ng		89
36) 4-Chloro-3-methylphenol	9.31	107	181309	45.24	ng		91
37) 2-Methylnaphthalene	9.46	142	404152	41.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	166469	39.72	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	41040	43.76	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.83	196	125141	42.77	ng		100
43) 2,4,5-Trichlorophenol	9.87	196	126176	43.32	ng	#	87
45) 1,1'-Biphenyl	10.04	154	480349	41.05	ng		97
46) 2-Chloronaphthalene	10.07	162	383624	41.51	ng		96
47) 2-Nitroaniline	10.20	65	113883	41.44	ng	#	75
48) Acenaphthylene	10.57	152	636894	41.52	ng		99
49) Dimethylphthalate	10.44	163	476154	43.13	ng		100
50) 2,6-Dinitrotoluene	10.51	165	95765	43.42	ng	#	49
51) Acenaphthene	10.79	154	364719	41.58	ng		99
52) 3-Nitroaniline	10.72	138	120250	41.92	ng		91
53) 2,4-Dinitrophenol	10.87	184	33292	47.38	ng	#	87
54) Dibenzofuran	11.01	168	548975	42.43	ng		96
55) 4-Nitrophenol	10.97	139	69474m	43.67	ng		
56) 2,4-Dinitrotoluene	11.02	165	130720	44.19	ng		94
57) Fluorene	11.43	166	464486	43.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	96250	45.41	ng	#	100
59) Diethylphthalate	11.31	149	467945	43.30	ng		94
60) 4-Chlorophenyl-phenylether	11.44	204	199518	43.30	ng		95
61) 4-Nitroaniline	11.47	138	115106	43.07	ng		92
62) Azobenzene	11.63	77	445477	42.38	ng		98
64) 4,6-Dinitro-2-methylphenol	11.52	198	62140	42.99	ng		91
65) n-Nitrosodiphenylamine	11.59	169	409252	42.24	ng		98
66) 4-Bromophenyl-phenylether	12.05	248	131206	43.68	ng		97
67) Hexachlorobenzene	12.10	284	142002	41.46	ng		99
68) Atrazine	12.27	200	118603	45.32	ng		99
69) Pentachlorophenol	12.37	266	58576	44.65	ng		98
70) Phenanthrene	12.62	178	660395	41.27	ng		99
71) Anthracene	12.67	178	664831	40.92	ng		100
72) Carbazole	12.89	167	623148	39.84	ng		99
73) Di-n-butylphthalate	13.35	149	845501	48.50	ng		100
74) Fluoranthene	14.09	202	714966	41.66	ng		98
76) Benzidine	14.27	184	292337	46.13	ng		99
77) Pyrene	14.37	202	725504	39.58	ng		99
79) Butylbenzylphthalate	15.23	149	367861	44.63	ng		97
80) Benzo(a)anthracene	15.93	228	681747	40.06	ng		99
81) 3,3'-Dichlorobenzidine	15.92	252	262510	42.12	ng		97
82) Chrysene	15.98	228	651457	40.27	ng		99
83) Bis(2-ethylhexyl)phthalate	16.02	149	570572	48.32	ng	#	97
84) Di-n-octyl phthalate	16.90	149	973948	47.39	ng		100
85) Indeno(1,2,3-cd)pyrene	19.30	276	833537m	40.06	ng		
87) Benzo(b)fluoranthene	17.38	252	673983m	39.21	ng		
88) Benzo(k)fluoranthene	17.42	252	700575	45.58	ng		97
89) Benzo(a)pyrene	17.81	252	653003	43.25	ng	#	96
90) Dibenzo(a,h)anthracene	19.33	278	687355	43.54	ng		98
91) Benzo(g,h,i)perylene	19.69	276	667244	42.41	ng		97

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

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