Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079539.D
Acq On : 28 May 2015 1:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/28/2015 12:04:48 PM

Quant Time: May 28 02:13:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	139016	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	592277	20.00	ng		0.00
38) Acenaphthene-d10	10.75	164	291944	20.00	ng		0.01
63) Phenanthrene-d10	12.58	188	556084	20.00	ng		0.00
75) Chrysene-d12	15.86	240	546611	20.00	ng		-0.08
86) Perylene-d12	17.55	264	618865	20.00	ng		-0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	566180m	70.64	ng		0.00
7) Phenol-d6	6.60	99	789119	77.24	ng		0.01
23) Nitrobenzene-d5	7.70	82	763493	74.52	ng		0.00
41) 2,4,6-Tribromophenol	11.74	330	258178	80.51	ng		0.00
44) 2-Fluorobiphenyl	9.93	172	1376514	67.27	ng		0.00
78) Terphenyl-d14	14.58	244	1619982	69.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	145902m	38.27	ng		
3) Pyridine	2.44	79	345496m	41.15	ng		
4) n-Nitrosodimethylamine	2.39	42	162649m	39.35	ng		
6) Aniline	6.59	93	559071m	38.56	ng		
8) 2-Chlorophenol	6.74	128	352387	37.77	ng		93
9) Benzaldehyde	6.44	77	235584m	41.74	ng		
10) Phenol	6.62	94	473958	39.40	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	344446	39.59	ng		100
12) 1,3-Dichlorobenzene	6.92	146	394867	38.20	ng		95
13) 1,4-Dichlorobenzene	7.03	146	388607	36.85	ng		97
14) 1,2-Dichlorobenzene	7.21	146	363080	37.07	ng		97
15) Benzyl Alcohol	7.20	79	269190	35.86	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.37	45	480259	37.71	ng		75
17) 2-Methylphenol	7.36	107	286978	39.15	ng		98
18) Hexachloroethane	7.62	117	131943	36.35	ng	#	82
19) n-Nitroso-di-n-propylamine	7.54	70	288422	40.13	ng	#	86
20) 3+4-Methylphenols	7.55	107	385539	38.27	ng		91
22) Acetophenone	7.52	105	487420	36.73	ng		99
24) Nitrobenzene	7.72	77	364670	36.11	ng		98
25) Isophorone	8.03	82	727760	38.97	ng		99
26) 2-Nitrophenol	8.12	139	190656	39.88	ng		93
27) 2,4-Dimethylphenol	8.20	122	335729	39.06	ng		98
28) bis(2-Chloroethoxy)methane	8.32	93	452339	39.08	ng		100
29) 2,4-Dichlorophenol	8.43	162	300369	38.15	ng		97
30) 1,2,4-Trichlorobenzene	8.51	180	316149	38.71	ng		98
31) Naphthalene	8.60	128	1026605	36.12	ng		99
32) Benzoic acid	8.36	122	237192m	44.47	ng		
33) 4-Chloroaniline	8.70	127	465170	39.17	ng		97
34) Hexachlorobutadiene	8.76	225	181691	39.11	ng		98
35) Caprolactam	9.15	113	103869m	41.84	ng		
36) 4-Chloro-3-methylphenol	9.32	107	315177	38.60	ng	#	74
37) 2-Methylnaphthalene	9.46	142	728574	36.92	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	305554	37.42	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	21036	18.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.83	196	220334	38.64	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	221453	39.02	ng		95
45) 1,1'-Biphenyl	10.04	154	826054	36.23	ng		95
46) 2-Chloronaphthalene	10.07	162	661666	36.74	ng		99
47) 2-Nitroaniline	10.20	65	205694	38.41	ng	#	84
48) Acenaphthylene	10.57	152	1088701	36.42	ng		98
49) Dimethylphthalate	10.44	163	784730	36.48	ng		99
50) 2,6-Dinitrotoluene	10.52	165	175058	40.73	ng		92
51) Acenaphthene	10.79	154	607878	35.56	ng		98
52) 3-Nitroaniline	10.72	138	217153	38.85	ng		95
53) 2,4-Dinitrophenol	10.87	184	18351	20.60	ng		93
54) Dibenzofuran	11.00	168	918598	36.43	ng		98
55) 4-Nitrophenol	10.97	139	126321m	40.75	ng		
56) 2,4-Dinitrotoluene	11.02	165	223211	38.73	ng		92
57) Fluorene	11.43	166	749797	36.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	170001	41.16	ng	#	100
59) Diethylphthalate	11.32	149	826296	39.24	ng		99
60) 4-Chlorophenyl-phenylether	11.44	204	338586	37.71	ng		97
61) 4-Nitroaniline	11.48	138	229762	44.12	ng		88
62) Azobenzene	11.63	77	730634	35.67	ng		97
64) 4,6-Dinitro-2-methylphenol	11.53	198	41250	19.53	ng	#	75
65) n-Nitrosodiphenylamine	11.60	169	700706	37.94	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	223738	39.07	ng		98
67) Hexachlorobenzene	12.10	284	242446	37.13	ng		96
68) Atrazine	12.27	200	183821	36.84	ng		100
69) Pentachlorophenol	12.37	266	112299	44.90	ng		97
70) Phenanthrene	12.62	178	1123430	36.83	ng		98
71) Anthracene	12.67	178	1138639	36.76	ng		99
72) Carbazole	12.89	167	1045926	35.08	ng		98
73) Di-n-butylphthalate	13.35	149	1406693	42.06	ng		99
74) Fluoranthene	14.09	202	1251540	38.26	ng		99
76) Benzidine	14.27	184	756127	64.58	ng		99
77) Pyrene	14.37	202	1233243	36.42	ng		98
79) Butylbenzylphthalate	15.20	149	631698	41.48	ng		97
80) Benzo(a)anthracene	15.85	228	1169181	37.18	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	476238	41.36	ng		99
82) Chrysene	15.90	228	1090478	36.49	ng		99
83) Bis(2-ethylhexyl)phthalate	15.92	149	945653	43.34	ng	#	97
84) Di-n-octyl phthalate	16.69	149	1680929	44.27	ng		100
85) Indeno(1,2,3-cd)pyrene	18.88	276	1519636m	39.53	ng		
87) Benzo(b)fluoranthene	17.12	252	1413958	40.06	ng	#	97
88) Benzo(k)fluoranthene	17.15	252	1038424m	32.90	ng		
89) Benzo(a)pyrene	17.50	252	1188123	38.09	ng	#	97
90) Dibenzo(a,h)anthracene	18.90	278	1248048	38.32	ng		96
91) Benzo(g,h,i)perylene	19.27	276	1228882	38.09	ng		97

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

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