Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079155.D
Acq On : 12 May 2015 11:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/12/2015 4:51:50 PM

Quant Time: May 12 16:02:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:22:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	74982	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	315824	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	152941	20.00	ng		0.00
63) Phenanthrene-d10	12.90	188	299545	20.00	ng		0.01
75) Chrysene-d12	16.21	240	313045	20.00	ng		0.01
86) Perylene-d12	18.01	264	348257	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	341306	78.35	ng		0.00
7) Phenol-d6	6.87	99	472988	82.15	ng		0.01
23) Nitrobenzene-d5	8.00	82	442053	80.44	ng		0.01
41) 2,4,6-Tribromophenol	12.03	330	142176	85.93	ng		0.00
44) 2-Fluorobiphenyl	10.23	172	884620	80.58	ng		0.01
78) Terphenyl-d14	14.90	244	1049603	80.27	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	74416	39.29	ng	#	21
3) Pyridine	2.97	79	222223	40.09	ng		97
4) n-Nitrosodimethylamine	2.89	42	82826	34.88	ng	#	78
6) Aniline	6.89	93	322913	39.73	ng	#	88
8) 2-Chlorophenol	7.04	128	198506	40.18	ng		86
9) Benzaldehyde	6.75	77	143532	37.00	ng		93
10) Phenol	6.88	94	256555	38.41	ng		77
11) bis(2-Chloroethyl)ether	6.99	93	188675	38.53	ng		89
12) 1,3-Dichlorobenzene	7.22	146	223349	40.22	ng		96
13) 1,4-Dichlorobenzene	7.32	146	226367	39.61	ng		97
14) 1,2-Dichlorobenzene	7.51	146	211544	39.76	ng		98
15) Benzyl Alcohol	7.48	79	170203	39.82	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.66	45	286357	38.22	ng		99
17) 2-Methylphenol	7.63	107	163693	41.17	ng		95
18) Hexachloroethane	7.92	117	74540	37.87	ng	#	85
19) n-Nitroso-di-n-propylamine	7.82	70	155287	39.93	ng	#	85
20) 3+4-Methylphenols	7.82	107	224980	42.47	ng	#	56
22) Acetophenone	7.80	105	272193	38.15	ng	#	95
24) Nitrobenzene	8.02	77	207247	38.05	ng	#	77
25) Isophorone	8.32	82	399990	39.26	ng	#	89
26) 2-Nitrophenol	8.41	139	101585	45.06	ng		95
27) 2,4-Dimethylphenol	8.47	122	179891	39.87	ng		99
28) bis(2-Chloroethoxy)methane	8.59	93	251291	40.01	ng		99
29) 2,4-Dichlorophenol	8.71	162	173056	43.14	ng		98
30) 1,2,4-Trichlorobenzene	8.81	180	179254	40.68	ng		97
31) Naphthalene	8.90	128	591916	39.33	ng		99
32) Benzoic acid	8.57	122	92645	34.79	ng		93
33) 4-Chloroaniline	8.98	127	264365	41.52	ng	#	92
34) Hexachlorobutadiene	9.06	225	95091	37.47	ng		98
35) Caprolactam	9.42	113	55026	42.42	ng		99
36) 4-Chloro-3-methylphenol	9.59	107	184426	43.77	ng		95
37) 2-Methylnaphthalene	9.76	142	412324	39.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	167802	38.96	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	26782	12.36	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	122996	41.53	ng		93
43) 2,4,5-Trichlorophenol	10.16	196	124076	41.44	ng	#	90
45) 1,1'-Biphenyl	10.34	154	473944	38.98	ng		99
46) 2-Chloronaphthalene	10.36	162	374170	39.45	ng		99
47) 2-Nitroaniline	10.50	65	119127	43.35	ng	#	68
48) Acenaphthylene	10.88	152	635693	40.82	ng		99
49) Dimethylphthalate	10.73	163	429514	38.27	ng		99
50) 2,6-Dinitrotoluene	10.81	165	94596	42.70	ng	#	68
51) Acenaphthene	11.10	154	364665	39.27	ng		98
52) 3-Nitroaniline	11.00	138	119387	43.15	ng	#	80
53) 2,4-Dinitrophenol	11.14	184	2642	6.99	ng		93
54) Dibenzofuran	11.31	168	543429	40.51	ng		97
55) 4-Nitrophenol	11.23	139	91070	41.58	ng		92
56) 2,4-Dinitrotoluene	11.30	165	117424	40.10	ng		86
57) Fluorene	11.74	166	433586	39.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	98783	40.38	ng	#	100
59) Diethylphthalate	11.61	149	442506	39.79	ng		99
60) 4-Chlorophenyl-phenylether	11.75	204	190181	38.94	ng		90
61) 4-Nitroaniline	11.77	138	134899	48.73	ng		86
62) Azobenzene	11.94	77	430104	39.25	ng		93
64) 4,6-Dinitro-2-methylphenol	11.80	198	9146	11.06	ng		96
65) n-Nitrosodiphenylamine	11.90	169	391022	39.20	ng		99
66) 4-Bromophenyl-phenylether	12.35	248	125643	40.24	ng		91
67) Hexachlorobenzene	12.41	284	137042	38.40	ng		96
68) Atrazine	12.57	200	112323	38.72	ng		92
69) Pentachlorophenol	12.66	266	69526	37.29	ng		97
70) Phenanthrene	12.92	178	644796	38.48	ng		100
71) Anthracene	12.99	178	655696	39.88	ng		100
72) Carbazole	13.20	167	618301	39.46	ng		99
73) Di-n-butylphthalate	13.65	149	766494	40.79	ng		99
74) Fluoranthene	14.41	202	718834	41.17	ng		97
76) Benzidine	14.59	184	416766	49.40	ng		97
77) Pyrene	14.70	202	755411	41.88	ng		99
79) Butylbenzylphthalate	15.52	149	375987	47.68	ng	#	80
80) Benzo(a)anthracene	16.19	228	720677	42.04	ng		99
81) 3,3'-Dichlorobenzidine	16.17	252	279228	45.73	ng	#	98
82) Chrysene	16.24	228	641089	38.88	ng		100
83) Bis(2-ethylhexyl)phthalate	16.25	149	519978	43.54	ng		99
84) Di-n-octyl phthalate	17.07	149	969188m	46.08	ng		
85) Indeno(1,2,3-cd)pyrene	19.50	276	936411	44.57	ng	#	100
87) Benzo(b)fluoranthene	17.54	252	830219m	43.55	ng		
88) Benzo(k)fluoranthene	17.58	252	652131	35.34	ng		99
89) Benzo(a)pyrene	17.94	252	694177	39.55	ng	#	95
90) Dibenzo(a,h)anthracene	19.53	278	758472	40.66	ng		98
91) Benzo(g,h,i)perylene	19.94	276	758632	40.58	ng		97

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

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