Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077702.D
Acq On : 11 Mar 2015 22:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:43 AM

Quant Time: Mar 12 05:58:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51833	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	218875	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	109419	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	212129	20.00	ng		0.00
75) Chrysene-d12	16.03	240	215184	20.00	ng		0.00
86) Perylene-d12	17.70	264	207430	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	236082	79.50	ng		-0.01
7) Phenol-d6	6.73	99	291970	79.58	ng		-0.01
23) Nitrobenzene-d5	7.86	82	256227	76.74	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	79679	76.11	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	562242	75.51	ng		0.00
78) Terphenyl-d14	14.74	244	679825	77.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	51814	38.43	ng	#	100
3) Pyridine	2.74	79	151685	41.87	ng		96
4) n-Nitrosodimethylamine	2.67	42	60999	38.67	ng		90
6) Aniline	6.75	93	211191	40.24	ng	#	40
8) 2-Chlorophenol	6.90	128	141416	40.01	ng		97
9) Benzaldehyde	6.61	77	63375	42.16	ng		98
10) Phenol	6.75	94	178371	41.13	ng		99
11) bis(2-Chloroethyl)ether	6.86	93	130817	40.27	ng		96
12) 1,3-Dichlorobenzene	7.09	146	157165	39.98	ng		99
13) 1,4-Dichlorobenzene	7.20	146	159294	39.00	ng		99
14) 1,2-Dichlorobenzene	7.38	146	148458	39.64	ng		99
15) Benzyl Alcohol	7.36	79	114742	40.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	182371	41.66	ng		99
17) 2-Methylphenol	7.50	107	112412	39.07	ng		98
18) Hexachloroethane	7.79	117	54297	40.53	ng		99
19) n-Nitroso-di-n-propylamine	7.69	70	100985	39.79	ng		97
20) 3+4-Methylphenols	7.70	107	152542	40.40	ng		98
22) Acetophenone	7.68	105	189799	39.17	ng	#	99
24) Nitrobenzene	7.88	77	139861	38.88	ng		98
25) Isophorone	8.19	82	265941	39.44	ng		96
26) 2-Nitrophenol	8.28	139	69955	39.72	ng		96
27) 2,4-Dimethylphenol	8.35	122	124694	38.87	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	156613	38.26	ng		98
29) 2,4-Dichlorophenol	8.58	162	120845	39.52	ng		97
30) 1,2,4-Trichlorobenzene	8.68	180	134842	39.41	ng		99
31) Naphthalene	8.77	128	443667	39.47	ng		100
32) Benzoic acid	8.45	122	57225	33.01	ng		97
33) 4-Chloroaniline	8.85	127	178582	39.14	ng		97
34) Hexachlorobutadiene	8.93	225	76448	39.42	ng		98
35) Caprolactam	9.26	113	34989	39.15	ng		97
36) 4-Chloro-3-methylphenol	9.46	107	116538	37.87	ng		95
37) 2-Methylnaphthalene	9.63	142	299593	39.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	129308	39.62	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	56804	36.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	84962	37.58	ng		96
43) 2,4,5-Trichlorophenol	10.03	196	93314	38.21	ng		98
45) 1,1'-Biphenyl	10.21	154	347062	39.68	ng		100
46) 2-Chloronaphthalene	10.22	162	267961	37.70	ng	#	91
47) 2-Nitroaniline	10.36	65	74155	42.01	ng		98
48) Acenaphthylene	10.74	152	461242	39.02	ng		100
49) Dimethylphthalate	10.60	163	321813	39.65	ng		100
50) 2,6-Dinitrotoluene	10.67	165	68276	40.59	ng		97
51) Acenaphthene	10.96	154	268602	39.63	ng		98
52) 3-Nitroaniline	10.88	138	77689	39.77	ng		94
53) 2,4-Dinitrophenol	11.00	184	19674	36.69	ng		91
54) Dibenzofuran	11.17	168	396532	39.45	ng		99
55) 4-Nitrophenol	11.09	139	58398	40.35	ng		94
56) 2,4-Dinitrotoluene	11.16	165	85297	38.88	ng		96
57) Fluorene	11.60	166	333146	39.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	75420	40.11	ng	#	100
59) Diethylphthalate	11.48	149	304785	38.54	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	146500	38.46	ng		96
61) 4-Nitroaniline	11.62	138	75240	38.64	ng		77
62) Azobenzene	11.80	77	301137	39.85	ng		97
64) 4,6-Dinitro-2-methylphenol	11.66	198	35497	36.57	ng		91
65) n-Nitrosodiphenylamine	11.76	169	276041	39.08	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	89644	39.60	ng		97
67) Hexachlorobenzene	12.27	284	93773	37.70	ng		95
68) Atrazine	12.43	200	77516	39.16	ng		97
69) Pentachlorophenol	12.52	266	46127	37.12	ng		98
70) Phenanthrene	12.78	178	482629	39.63	ng		100
71) Anthracene	12.84	178	458837	38.14	ng		100
72) Carbazole	13.05	167	428450	37.44	ng		100
73) Di-n-butylphthalate	13.51	149	501371	39.07	ng		100
74) Fluoranthene	14.25	202	507260	37.77	ng		94
76) Benzidine	14.43	184	202330	37.99	ng		99
77) Pyrene	14.53	202	528730	39.07	ng		100
79) Butylbenzylphthalate	15.37	149	209388	39.25	ng		97
80) Benzo(a)anthracene	16.02	228	506135	39.68	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	160594	38.17	ng		99
82) Chrysene	16.07	228	446361	38.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.08	149	321567	39.79	ng	#	95
84) Di-n-octyl phthalate	16.85	149	539379	39.04	ng		100
85) Indeno(1,2,3-cd)pyrene	19.08	276	557539	38.95	ng	#	100
87) Benzo(b)fluoranthene	17.28	252	476748	35.21	ng	#	97
88) Benzo(k)fluoranthene	17.31	252	486425m	45.99	ng		
89) Benzo(a)pyrene	17.64	252	459400	40.66	ng		99
90) Dibenzo(a,h)anthracene	19.12	278	450292	40.18	ng		99
91) Benzo(g,h,i)perylene	19.49	276	455399	39.92	ng		99

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

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