Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032315\
Data File : BF077892.D
Acq On : 23 Mar 2015 13:38
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 24 02:35:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43491	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	173338	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	89394	20.00	ng		0.00
63) Phenanthrene-d10	12.71	188	175782	20.00	ng		0.00
75) Chrysene-d12	16.01	240	194104	20.00	ng		0.00
86) Perylene-d12	17.83	264	186797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	201272	80.78	ng		0.00
7) Phenol-d6	6.69	99	249413	81.02	ng		0.00
23) Nitrobenzene-d5	7.81	82	219303	82.93	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	64690	75.63	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	454106	74.65	ng		0.00
78) Terphenyl-d14	14.69	244	541427	68.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	40271	35.60	ng	#	100
3) Pyridine	2.66	79	107492	35.37	ng		98
4) n-Nitrosodimethylamine	2.59	42	48382	36.56	ng		95
6) Aniline	6.70	93	169231	38.43	ng	#	79
8) 2-Chlorophenol	6.85	128	119639	40.34	ng		94
9) Benzaldehyde	6.57	77	57037	45.23	ng		90
10) Phenol	6.72	94	150117	41.25	ng		83
11) bis(2-Chloroethyl)ether	6.82	93	104962	38.51	ng		96
12) 1,3-Dichlorobenzene	7.04	146	128915m	39.08	ng		
13) 1,4-Dichlorobenzene	7.14	146	133527	38.96	ng		96
14) 1,2-Dichlorobenzene	7.32	146	126307	40.20	ng		96
15) Benzyl Alcohol	7.31	79	98144	40.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.48	45	142835	38.89	ng		97
17) 2-Methylphenol	7.46	107	92571	38.34	ng		95
18) Hexachloroethane	7.73	117	44126	39.25	ng	#	85
19) n-Nitroso-di-n-propylamine	7.64	70	83183	39.06	ng		99
20) 3+4-Methylphenols	7.65	107	125310	39.55	ng		96
22) Acetophenone	7.63	105	161445	42.07	ng	#	96
24) Nitrobenzene	7.84	77	120016	42.13	ng		94
25) Isophorone	8.13	82	207591	38.87	ng	#	91
26) 2-Nitrophenol	8.24	139	55978	40.14	ng		92
27) 2,4-Dimethylphenol	8.30	122	104482	41.12	ng		96
28) bis(2-Chloroethoxy)methane	8.42	93	129177	39.85	ng		100
29) 2,4-Dichlorophenol	8.53	162	100283	41.41	ng		100
30) 1,2,4-Trichlorobenzene	8.62	180	105085	38.78	ng		96
31) Naphthalene	8.73	128	360002	40.44	ng		98
32) Benzoic acid	8.42	122	59997	42.70	ng		99
33) 4-Chloroaniline	8.81	127	146040	40.42	ng		99
34) Hexachlorobutadiene	8.88	225	59294	38.60	ng		97
35) Caprolactam	9.23	113	31635	44.69	ng		97
36) 4-Chloro-3-methylphenol	9.41	107	100581	41.27	ng	#	81
37) 2-Methylnaphthalene	9.58	142	240329	40.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	99315	37.25	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	44045	34.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	74491	40.33	ng		97
43) 2,4,5-Trichlorophenol	9.98	196	78958	39.57	ng	#	91
45) 1,1'-Biphenyl	10.17	154	276252	38.66	ng		99
46) 2-Chloronaphthalene	10.18	162	224438	38.65	ng	#	92
47) 2-Nitroaniline	10.32	65	60283	41.80	ng		91
48) Acenaphthylene	10.69	152	380199	39.37	ng		100
49) Dimethylphthalate	10.56	163	255112	38.48	ng		100
50) 2,6-Dinitrotoluene	10.62	165	54166	39.41	ng		90
51) Acenaphthene	10.91	154	213001	38.47	ng		99
52) 3-Nitroaniline	10.83	138	67106	42.04	ng		91
53) 2,4-Dinitrophenol	10.97	184	17116	38.54	ng	#	72
54) Dibenzofuran	11.12	168	314002	38.24	ng		92
55) 4-Nitrophenol	11.06	139	50438	42.66	ng		94
56) 2,4-Dinitrotoluene	11.12	165	73016	40.74	ng	#	84
57) Fluorene	11.54	166	266478	39.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	60625	39.46	ng	#	100
59) Diethylphthalate	11.44	149	252817	39.13	ng		99
60) 4-Chlorophenyl-phenylether	11.55	204	112480	36.14	ng	#	82
61) 4-Nitroaniline	11.58	138	69307	43.57	ng		85
62) Azobenzene	11.74	77	238326	38.60	ng		90
64) 4,6-Dinitro-2-methylphenol	11.62	198	30990	38.29	ng		97
65) n-Nitrosodiphenylamine	11.71	169	224774	38.40	ng		98
66) 4-Bromophenyl-phenylether	12.16	248	69601	37.10	ng	#	83
67) Hexachlorobenzene	12.21	284	77066	37.39	ng	#	88
68) Atrazine	12.39	200	60201	36.70	ng		99
69) Pentachlorophenol	12.47	266	35576	34.77	ng		98
70) Phenanthrene	12.73	178	394973	39.14	ng		99
71) Anthracene	12.80	178	403586	40.48	ng		99
72) Carbazole	13.00	167	380075	40.08	ng		99
73) Di-n-butylphthalate	13.46	149	403828	37.98	ng		99
74) Fluoranthene	14.20	202	434264	39.02	ng		97
76) Benzidine	14.39	184	183985	38.30	ng		98
77) Pyrene	14.48	202	449868	36.86	ng		99
79) Butylbenzylphthalate	15.32	149	181971	37.81	ng		92
80) Benzo(a)anthracene	16.00	228	450482	39.15	ng		99
81) 3,3'-Dichlorobenzidine	15.97	252	150340	39.61	ng		99
82) Chrysene	16.04	228	417084	40.31	ng		99
83) Bis(2-ethylhexyl)phthalate	16.07	149	260600	35.75	ng	#	95
84) Di-n-octyl phthalate	16.90	149	440630	35.35	ng		99
85) Indeno(1,2,3-cd)pyrene	19.23	276	518979	40.19	ng	#	100
87) Benzo(b)fluoranthene	17.36	252	489467	40.14	ng		98
88) Benzo(k)fluoranthene	17.39	252	383315m	40.24	ng		
89) Benzo(a)pyrene	17.77	252	426032	41.87	ng		98
90) Dibenzo(a,h)anthracene	19.25	278	423260	41.94	ng		97
91) Benzo(g,h,i)perylene	19.63	276	424781	41.34	ng		98

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

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