Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077768.D
Acq On : 17 Mar 2015 13:14
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 18 01:00:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	50689	20.00	ng		-0.01
21) Naphthalene-d8	8.74	136	210379	20.00	ng		-0.01
38) Acenaphthene-d10	10.91	164	104122	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	199501	20.00	ng		0.00
75) Chrysene-d12	16.03	240	215148	20.00	ng		0.00
86) Perylene-d12	17.75	264	215278	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	235559	81.12	ng		-0.01
7) Phenol-d6	6.73	99	283410	78.99	ng		-0.01
23) Nitrobenzene-d5	7.86	82	264595	82.44	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	74215	74.50	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	536349	75.70	ng		0.00
78) Terphenyl-d14	14.74	244	609353	69.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	49141	37.27	ng	#	100
3) Pyridine	2.73	79	144525	40.80	ng		99
4) n-Nitrosodimethylamine	2.66	42	57452	37.25	ng		95
6) Aniline	6.75	93	203682	39.69	ng	#	72
8) 2-Chlorophenol	6.89	128	134359	38.87	ng		96
9) Benzaldehyde	6.60	77	66320	45.12	ng		96
10) Phenol	6.75	94	167075	39.39	ng		85
11) bis(2-Chloroethyl)ether	6.85	93	124834	39.30	ng		94
12) 1,3-Dichlorobenzene	7.08	146	149114	38.79	ng		98
13) 1,4-Dichlorobenzene	7.18	146	152548	38.19	ng		97
14) 1,2-Dichlorobenzene	7.37	146	144505	39.46	ng		98
15) Benzyl Alcohol	7.34	79	105486	37.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	163968	38.30	ng		98
17) 2-Methylphenol	7.49	107	105296	37.42	ng		95
18) Hexachloroethane	7.78	117	51096	39.00	ng		91
19) n-Nitroso-di-n-propylamine	7.69	70	92714	37.35	ng	#	90
20) 3+4-Methylphenols	7.69	107	142231	38.52	ng		94
22) Acetophenone	7.68	105	184731	39.66	ng	#	92
24) Nitrobenzene	7.88	77	139697	40.40	ng	#	85
25) Isophorone	8.18	82	247976	38.26	ng		96
26) 2-Nitrophenol	8.27	139	66290	39.16	ng	#	89
27) 2,4-Dimethylphenol	8.34	122	115481	37.45	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	155157	39.44	ng		98
29) 2,4-Dichlorophenol	8.57	162	110699	37.66	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	123849	37.66	ng		97
31) Naphthalene	8.76	128	407954	37.76	ng		100
32) Benzoic acid	8.45	122	65946	38.96	ng		98
33) 4-Chloroaniline	8.84	127	171043	39.01	ng	#	95
34) Hexachlorobutadiene	8.92	225	71627	38.42	ng		98
35) Caprolactam	9.28	113	36162	42.09	ng	#	83
36) 4-Chloro-3-methylphenol	9.45	107	113374	38.33	ng		83
37) 2-Methylnaphthalene	9.62	142	266060	36.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	114705	36.94	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	53939	36.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	81688	37.97	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	91002	39.16	ng	#	88
45) 1,1'-Biphenyl	10.20	154	309125	37.14	ng		97
46) 2-Chloronaphthalene	10.22	162	258536	38.22	ng		96
47) 2-Nitroaniline	10.36	65	66433	39.55	ng	#	71
48) Acenaphthylene	10.74	152	429061	38.14	ng		99
49) Dimethylphthalate	10.60	163	287856	37.27	ng		98
50) 2,6-Dinitrotoluene	10.67	165	65029	40.62	ng	#	78
51) Acenaphthene	10.94	154	234794	36.41	ng		98
52) 3-Nitroaniline	10.86	138	72474	38.98	ng	#	80
53) 2,4-Dinitrophenol	11.00	184	22414	42.33	ng	#	80
54) Dibenzofuran	11.16	168	356975	37.32	ng		95
55) 4-Nitrophenol	11.09	139	54434	39.53	ng		93
56) 2,4-Dinitrotoluene	11.16	165	87155	41.75	ng	#	81
57) Fluorene	11.59	166	294169	37.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	68993	38.55	ng	#	100
59) Diethylphthalate	11.47	149	277856	36.93	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	127875	35.28	ng		90
61) 4-Nitroaniline	11.62	138	73590	39.72	ng		78
62) Azobenzene	11.79	77	269921	37.53	ng		92
64) 4,6-Dinitro-2-methylphenol	11.67	198	36811	39.88	ng	#	74
65) n-Nitrosodiphenylamine	11.75	169	256125	38.56	ng		98
66) 4-Bromophenyl-phenylether	12.20	248	77593	36.44	ng	#	85
67) Hexachlorobenzene	12.26	284	85789	36.67	ng	#	87
68) Atrazine	12.42	200	67871	36.46	ng		93
69) Pentachlorophenol	12.51	266	44530	38.03	ng		97
70) Phenanthrene	12.77	178	435023	37.98	ng		99
71) Anthracene	12.84	178	448907	39.67	ng		99
72) Carbazole	13.05	167	419966	39.02	ng		99
73) Di-n-butylphthalate	13.51	149	456789	37.85	ng		100
74) Fluoranthene	14.25	202	480060	38.00	ng		94
76) Benzidine	14.43	184	161182	30.17	ng		98
77) Pyrene	14.53	202	527668	39.00	ng		99
79) Butylbenzylphthalate	15.37	149	201161	37.71	ng		97
80) Benzo(a)anthracene	16.02	228	499833	39.19	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	167383	39.79	ng		97
82) Chrysene	16.07	228	462056	40.29	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	273124	33.80	ng		99
84) Di-n-octyl phthalate	16.88	149	477098	34.53	ng		99
85) Indeno(1,2,3-cd)pyrene	19.14	276	535652	37.42	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	516535	36.75	ng		99
88) Benzo(k)fluoranthene	17.33	252	453812m	41.34	ng		
89) Benzo(a)pyrene	17.68	252	463968	39.57	ng	#	96
90) Dibenzo(a,h)anthracene	19.16	278	448014	38.52	ng		97
91) Benzo(g,h,i)perylene	19.55	276	456607	38.56	ng		99

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

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