Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079311.D
Acq On : 18 May 2015 11:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 19 01:06:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 00:51:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	66102	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	275528	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	135267	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	258869	20.00	ng		0.00
75) Chrysene-d12	16.05	240	266469	20.00	ng		0.00
86) Perylene-d12	17.83	264	282461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	288370m	75.09	ng		0.00
7) Phenol-d6	6.74	99	385824	76.01	ng		0.00
23) Nitrobenzene-d5	7.86	82	361547	75.41	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	118677	81.10	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	708324	72.96	ng		0.00
78) Terphenyl-d14	14.75	244	869847	78.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	63937m	38.29	ng		
3) Pyridine	2.74	79	156894m	32.11	ng		
4) n-Nitrosodimethylamine	2.66	42	82458m	39.39	ng		
6) Aniline	6.75	93	263079	36.72	ng	#	55
8) 2-Chlorophenol	6.90	128	165401	37.98	ng		83
9) Benzaldehyde	6.62	77	114271	33.42	ng		94
10) Phenol	6.75	94	222172	37.73	ng	#	44
11) bis(2-Chloroethyl)ether	6.86	93	157327	36.45	ng		90
12) 1,3-Dichlorobenzene	7.08	146	181792	37.13	ng	#	90
13) 1,4-Dichlorobenzene	7.19	146	188788	37.47	ng		99
14) 1,2-Dichlorobenzene	7.37	146	180427	38.47	ng		98
15) Benzyl Alcohol	7.35	79	130841	34.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	233200	35.31	ng		99
17) 2-Methylphenol	7.51	107	129710	37.01	ng		99
18) Hexachloroethane	7.78	117	64073	36.92	ng	#	85
19) n-Nitroso-di-n-propylamine	7.69	70	130227	37.98	ng		93
20) 3+4-Methylphenols	7.69	107	179712	38.48	ng	#	50
22) Acetophenone	7.68	105	236885	38.05	ng	#	86
24) Nitrobenzene	7.88	77	186849	39.32	ng	#	87
25) Isophorone	8.18	82	333878	37.57	ng	#	92
26) 2-Nitrophenol	8.27	139	78193	39.76	ng	#	83
27) 2,4-Dimethylphenol	8.34	122	144711	36.77	ng		94
28) bis(2-Chloroethoxy)methane	8.47	93	207607	37.89	ng		98
29) 2,4-Dichlorophenol	8.58	162	141162	40.33	ng		88
30) 1,2,4-Trichlorobenzene	8.67	180	142202	36.99	ng		98
31) Naphthalene	8.76	128	487812	37.16	ng		100
32) Benzoic acid	8.47	122	103706m	42.85	ng		
33) 4-Chloroaniline	8.84	127	212315	38.22	ng		95
34) Hexachlorobutadiene	8.92	225	82192	37.12	ng		100
35) Caprolactam	9.28	113	44648	39.45	ng		98
36) 4-Chloro-3-methylphenol	9.46	107	151042	41.09	ng		99
37) 2-Methylnaphthalene	9.63	142	341837	37.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	140774	36.95	ng		100
40) Hexachlorocyclopentadiene	9.82	237	58731	30.66	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	100697	38.45	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	102611	38.75	ng		99
45) 1,1'-Biphenyl	10.22	154	400333	37.23	ng		99
46) 2-Chloronaphthalene	10.23	162	307204	36.62	ng		97
47) 2-Nitroaniline	10.36	65	98636	40.59	ng	#	76
48) Acenaphthylene	10.74	152	532889	38.69	ng		98
49) Dimethylphthalate	10.60	163	383622	38.64	ng		98
50) 2,6-Dinitrotoluene	10.67	165	75133	38.35	ng	#	62
51) Acenaphthene	10.96	154	305618	37.21	ng		100
52) 3-Nitroaniline	10.88	138	104076	42.53	ng		81
53) 2,4-Dinitrophenol	11.02	184	23530	42.19	ng	#	59
54) Dibenzofuran	11.18	168	446087	37.60	ng		94
55) 4-Nitrophenol	11.10	139	70690	36.49	ng	#	84
56) 2,4-Dinitrotoluene	11.18	165	105437	40.71	ng		95
57) Fluorene	11.60	166	368987	37.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	80891	37.38	ng		99
59) Diethylphthalate	11.47	149	367009	37.32	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	157670	36.50	ng	#	86
61) 4-Nitroaniline	11.63	138	106494	43.50	ng		93
62) Azobenzene	11.81	77	356105	36.75	ng		92
64) 4,6-Dinitro-2-methylphenol	11.68	198	43243	42.17	ng		90
65) n-Nitrosodiphenylamine	11.76	169	324288	37.62	ng		99
66) 4-Bromophenyl-phenylether	12.22	248	99145	36.74	ng	#	79
67) Hexachlorobenzene	12.27	284	114627	37.17	ng	#	72
68) Atrazine	12.43	200	93945	37.47	ng		95
69) Pentachlorophenol	12.53	266	57654	36.06	ng		99
70) Phenanthrene	12.79	178	541420	37.39	ng		100
71) Anthracene	12.85	178	526082	37.03	ng		99
72) Carbazole	13.05	167	520775	38.46	ng		99
73) Di-n-butylphthalate	13.51	149	640166	39.42	ng		98
74) Fluoranthene	14.26	202	591287	39.18	ng		95
76) Benzidine	14.45	184	294157	40.96	ng		97
77) Pyrene	14.54	202	594227	38.70	ng		99
79) Butylbenzylphthalate	15.37	149	293026	43.66	ng		97
80) Benzo(a)anthracene	16.03	228	561687	38.49	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	216834	41.72	ng	#	94
82) Chrysene	16.08	228	532172	37.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.10	149	427574	42.06	ng	#	99
84) Di-n-octyl phthalate	16.91	149	751379	41.96	ng		98
85) Indeno(1,2,3-cd)pyrene	19.25	276	739342	41.35	ng		99
87) Benzo(b)fluoranthene	17.37	252	582431	37.67	ng	#	97
88) Benzo(k)fluoranthene	17.41	252	592953m	39.62	ng		
89) Benzo(a)pyrene	17.77	252	573081	40.26	ng	#	97
90) Dibenzo(a,h)anthracene	19.27	278	607665	40.16	ng		98
91) Benzo(g,h,i)perylene	19.66	276	600876	39.63	ng		97

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

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