Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087277.D
Acq On : 21 May 2016 17:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 23 02:08:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	140621	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	607172	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	275975	20.00	ng		0.01
63) Phenanthrene-d10	11.07	188	509292	20.00	ng		0.00
75) Chrysene-d12	13.70	240	294321	20.00	ng		0.00
86) Perylene-d12	15.05	264	274616	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	670086	80.10	ng		0.01
7) Phenol-d6	6.24	99	887786	79.12	ng		0.01
23) Nitrobenzene-d5	7.14	82	895235	73.48	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	204135	66.94	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1247509	74.86	ng		0.00
78) Terphenyl-d14	12.65	244	1219833	93.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	159714	37.11	ng	#	74
3) Pyridine	2.58	79	396154	38.05	ng	#	63
4) n-Nitrosodimethylamine	2.56	42	285077	38.64	ng	#	50
6) Aniline	6.23	93	528330	37.07	ng		98
8) 2-Chlorophenol	6.35	128	395293	38.83	ng		97
9) Benzaldehyde	6.10	77	228176	37.18	ng		88
10) Phenol	6.25	94	571684	40.53	ng		82
11) bis(2-Chloroethyl)ether	6.31	93	421281	39.78	ng		89
12) 1,3-Dichlorobenzene	6.49	146	414729	38.33	ng	#	90
13) 1,4-Dichlorobenzene	6.57	146	428381	38.69	ng	#	91
14) 1,2-Dichlorobenzene	6.73	146	394739	40.73	ng		99
15) Benzyl Alcohol	6.73	79	348007	41.66	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.84	45	850246	39.05	ng		86
17) 2-Methylphenol	6.86	107	324773	38.85	ng	#	80
18) Hexachloroethane	7.06	117	168453	39.80	ng		99
19) n-Nitroso-di-n-propylamine	7.00	70	319821	37.50	ng	#	83
20) 3+4-Methylphenols	7.02	107	424458	38.49	ng	#	61
22) Acetophenone	6.99	105	619308	41.68	ng		95
24) Nitrobenzene	7.16	77	482354	36.26	ng	#	89
25) Isophorone	7.40	82	874747	39.22	ng		97
26) 2-Nitrophenol	7.47	139	211212	38.33	ng	#	63
27) 2,4-Dimethylphenol	7.54	122	340901	36.25	ng		94
28) bis(2-Chloroethoxy)methane	7.62	93	485621	39.66	ng		99
29) 2,4-Dichlorophenol	7.72	162	313098	37.78	ng		89
30) 1,2,4-Trichlorobenzene	7.79	180	350622	38.13	ng		97
31) Naphthalene	7.87	128	1180124	39.78	ng		100
32) Benzoic acid	7.71	122	206373	36.82	ng	#	79
33) 4-Chloroaniline	7.94	127	433382	35.15	ng		98
34) Hexachlorobutadiene	7.99	225	221773	42.50	ng		98
35) Caprolactam	8.34	113	105757	38.33	ng	#	78
36) 4-Chloro-3-methylphenol	8.44	107	373117	37.33	ng		91
37) 2-Methylnaphthalene	8.56	142	685189m	36.11	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	347644	43.13	ng		99
40) Hexachlorocyclopentadiene	8.71	237	72571	28.88	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206158	39.44	ng		93
43) 2,4,5-Trichlorophenol	8.90	196	215432	39.67	ng	#	88
45) 1,1'-Biphenyl	9.03	154	1020422	44.59	ng		99
46) 2-Chloronaphthalene	9.05	162	729767	41.54	ng		99
47) 2-Nitroaniline	9.16	65	274291	40.74	ng	#	82
48) Acenaphthylene	9.45	152	1042649	38.87	ng		99
49) Dimethylphthalate	9.34	163	820166	38.96	ng		99
50) 2,6-Dinitrotoluene	9.40	165	164191	35.92	ng	#	70
51) Acenaphthene	9.62	154	636260	37.97	ng		98
52) 3-Nitroaniline	9.58	138	169326	34.22	ng	#	75
53) 2,4-Dinitrophenol	9.70	184	64275	27.82	ng		87
54) Dibenzofuran	9.80	168	843651	38.93	ng		99
55) 4-Nitrophenol	9.78	139	34487m	19.71	ng		
56) 2,4-Dinitrotoluene	9.82	165	240838	41.14	ng	#	76
57) Fluorene	10.14	166	654900	37.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	156757	37.06	ng		96
59) Diethylphthalate	10.03	149	820419	40.82	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	350242	42.44	ng		94
61) 4-Nitroaniline	10.19	138	161109	32.97	ng	#	65
62) Azobenzene	10.30	77	961315	41.51	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	106491	31.75	ng		87
65) n-Nitrosodiphenylamine	10.26	169	591206	36.89	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	204553	39.06	ng	#	84
67) Hexachlorobenzene	10.68	284	222839	36.70	ng	#	77
68) Atrazine	10.80	200	200091	38.27	ng		95
69) Pentachlorophenol	10.89	266	63037	27.64	ng		97
70) Phenanthrene	11.10	178	1061741	38.44	ng		100
71) Anthracene	11.14	178	991262	35.48	ng		99
72) Carbazole	11.31	167	897668	35.17	ng		99
73) Di-n-butylphthalate	11.65	149	1223229	41.73	ng	#	98
74) Fluoranthene	12.27	202	948220	34.26	ng		97
76) Benzidine	12.41	184	257414	28.33	ng		99
77) Pyrene	12.50	202	1017118	47.84	ng		100
79) Butylbenzylphthalate	13.13	149	469997	52.36	ng		90
80) Benzo(a)anthracene	13.69	228	667454	39.22	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	443749	40.98	ng		99
82) Chrysene	13.73	228	715001	43.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	612080	56.03	ng		98
84) Di-n-octyl phthalate	14.30	149	902630	47.96	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.27	276	671865	46.49	ng		95
87) Benzo(b)fluoranthene	14.69	252	572949m	31.45	ng		
88) Benzo(k)fluoranthene	14.71	252	595368m	43.90	ng		
89) Benzo(a)pyrene	14.99	252	578206	37.97	ng		98
90) Dibenzo(a,h)anthracene	16.27	278	560647	43.73	ng		98
91) Benzo(g,h,i)perylene	16.64	276	556088	42.94	ng	#	91

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

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