Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088393.D
Acq On : 26 Jun 2016 00:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 26 03:50:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	97357	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	383980	20.00	ng		-0.05
38) Acenaphthene-d10	9.60	164	165176	20.00	ng		-0.05
63) Phenanthrene-d10	11.07	188	251272	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	185344	20.00	ng		-0.05
86) Perylene-d12	15.05	264	162240	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	459515	80.69	ng		-0.03
7) Phenol-d6	6.24	99	500842	72.57	ng		-0.02
23) Nitrobenzene-d5	7.14	82	499674	75.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	108784	62.37	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	926980	88.38	ng		-0.03
78) Terphenyl-d14	12.65	244	603211	74.06	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	113127	40.88	ng	#	45
3) Pyridine	2.58	79	269866	41.30	ng		91
4) n-Nitrosodimethylamine	2.55	42	84789	30.64	ng		84
6) Aniline	6.23	93	318582	32.43	ng		94
8) 2-Chlorophenol	6.35	128	274930	40.79	ng		91
9) Benzaldehyde	6.11	77	170425	40.41	ng		99
10) Phenol	6.25	94	336529	47.36	ng		87
11) bis(2-Chloroethyl)ether	6.31	93	262987	43.46	ng		90
12) 1,3-Dichlorobenzene	6.50	146	282229m	39.02	ng		
13) 1,4-Dichlorobenzene	6.58	146	297042m	40.77	ng		
14) 1,2-Dichlorobenzene	6.73	146	245589m	37.07	ng		
15) Benzyl Alcohol	6.73	79	186799	34.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	240208	29.38	ng	#	1
17) 2-Methylphenol	6.86	107	189712	34.70	ng	#	88
18) Hexachloroethane	7.07	117	93605	36.21	ng		91
19) n-Nitroso-di-n-propylamine	7.00	70	173286	39.25	ng	#	85
20) 3+4-Methylphenols	7.02	107	252581	39.60	ng	#	79
22) Acetophenone	6.99	105	361820	42.17	ng	#	97
24) Nitrobenzene	7.16	77	261188	41.01	ng		94
25) Isophorone	7.40	82	463067	38.02	ng		99
26) 2-Nitrophenol	7.48	139	135296	39.65	ng	#	72
27) 2,4-Dimethylphenol	7.54	122	219807	34.99	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	308637	40.86	ng	#	97
29) 2,4-Dichlorophenol	7.74	162	197382	37.63	ng		92
30) 1,2,4-Trichlorobenzene	7.79	180	216229	37.86	ng		97
31) Naphthalene	7.87	128	696411	36.65	ng		99
32) Benzoic acid	7.71	122	98307	28.42	ng		92
33) 4-Chloroaniline	7.94	127	310832	36.63	ng		95
34) Hexachlorobutadiene	7.99	225	111191	36.91	ng		97
35) Caprolactam	8.33	113	60218	34.66	ng	#	83
36) 4-Chloro-3-methylphenol	8.44	107	214911	38.31	ng		97
37) 2-Methylnaphthalene	8.56	142	437951	34.97	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	192264	44.58	ng	#	1
40) Hexachlorocyclopentadiene	8.71	237	10413	3.91	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	120211	36.39	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	130826	38.07	ng	#	92
45) 1,1'-Biphenyl	9.03	154	552146	44.46	ng		98
46) 2-Chloronaphthalene	9.05	162	426542	39.91	ng		99
47) 2-Nitroaniline	9.16	65	124202	39.39	ng	#	72
48) Acenaphthylene	9.46	152	638952	37.58	ng		99
49) Dimethylphthalate	9.34	163	506252	42.31	ng		100
50) 2,6-Dinitrotoluene	9.40	165	103838	37.89	ng	#	68
51) Acenaphthene	9.63	154	389585	36.73	ng		98
52) 3-Nitroaniline	9.58	138	123902	39.19	ng		92
53) 2,4-Dinitrophenol	9.70	184	13020	13.32	ng	#	88
54) Dibenzofuran	9.80	168	569218	38.97	ng		92
55) 4-Nitrophenol	9.77	139	52050m	21.21	ng		
56) 2,4-Dinitrotoluene	9.82	165	129187	36.69	ng		98
57) Fluorene	10.15	166	407290	40.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	92772	34.35	ng	#	55
59) Diethylphthalate	10.03	149	480044	39.64	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	177046	36.45	ng		92
61) 4-Nitroaniline	10.19	138	112093	37.37	ng		98
62) Azobenzene	10.30	77	456608	38.12	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	21892	15.49	ng	#	71
65) n-Nitrosodiphenylamine	10.26	169	376018	45.10	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	118528	43.97	ng		94
67) Hexachlorobenzene	10.68	284	110414	39.42	ng		97
68) Atrazine	10.80	200	101239	40.10	ng		97
69) Pentachlorophenol	10.89	266	68643	46.49	ng		97
70) Phenanthrene	11.10	178	540717	41.01	ng		99
71) Anthracene	11.14	178	556036	41.81	ng		99
72) Carbazole	11.31	167	525643	42.23	ng		98
73) Di-n-butylphthalate	11.65	149	694878	44.10	ng		99
74) Fluoranthene	12.27	202	499206	35.88	ng		99
76) Benzidine	12.41	184	233894	45.58	ng		98
77) Pyrene	12.50	202	515890	37.51	ng		99
79) Butylbenzylphthalate	13.13	149	257692	42.38	ng		94
80) Benzo(a)anthracene	13.69	228	408297	38.66	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	148566	52.31	ng	#	96
82) Chrysene	13.73	228	467004	47.00	ng		97
83) Bis(2-ethylhexyl)phthalate	13.69	149	317308	42.87	ng	#	97
84) Di-n-octyl phthalate	14.30	149	617813	51.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	336449	36.44	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	376071m	33.26	ng		
88) Benzo(k)fluoranthene	14.71	252	409283m	47.98	ng		
89) Benzo(a)pyrene	14.99	252	362445	39.62	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	286120	33.67	ng		98
91) Benzo(g,h,i)perylene	16.65	276	271416	31.05	ng		97

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

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