Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
Data File : BF085959.D
Acq On : 1 Apr 2016 13:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 01 15:19:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102165	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	419234	20.00	ng		-0.03
38) Acenaphthene-d10	9.81	164	195940	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	355443	20.00	ng		-0.03
75) Chrysene-d12	13.93	240	288945	20.00	ng		-0.04
86) Perylene-d12	15.33	264	243957	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	506333	82.54	ng		-0.03
7) Phenol-d6	6.42	99	629881	80.76	ng		-0.03
23) Nitrobenzene-d5	7.34	82	552884	74.27	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	151549	81.41	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	967779	82.52	ng		-0.03
78) Terphenyl-d14	12.88	244	958586	68.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	118044	40.30	ng		97
3) Pyridine	3.01	79	295257	42.04	ng		98
4) n-Nitrosodimethylamine	2.96	42	120214	42.76	ng		99
6) Aniline	6.44	93	422523	40.24	ng		99
8) 2-Chlorophenol	6.56	128	287601	40.35	ng		91
9) Benzaldehyde	6.33	77	168304	35.81	ng		91
10) Phenol	6.43	94	376311	42.59	ng		84
11) bis(2-Chloroethyl)ether	6.51	93	252996	37.21	ng		94
12) 1,3-Dichlorobenzene	6.72	146	314611m	40.99	ng		
13) 1,4-Dichlorobenzene	6.80	146	315203	40.49	ng		94
14) 1,2-Dichlorobenzene	6.94	146	296234	40.84	ng		98
15) Benzyl Alcohol	6.92	79	200617	38.55	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	345022	38.24	ng		94
17) 2-Methylphenol	7.05	107	228345	40.02	ng		95
18) Hexachloroethane	7.29	117	117610	41.26	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	177466	38.00	ng		94
20) 3+4-Methylphenols	7.20	107	279621	40.76	ng		95
22) Acetophenone	7.20	105	394037	40.34	ng	#	94
24) Nitrobenzene	7.37	77	334254	43.55	ng		91
25) Isophorone	7.61	82	566265	39.49	ng		95
26) 2-Nitrophenol	7.69	139	150397	39.17	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	247135	36.83	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	306441	37.50	ng		97
29) 2,4-Dichlorophenol	7.93	162	227483	40.32	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	253797	40.52	ng		95
31) Naphthalene	8.09	128	845487	40.02	ng		98
32) Benzoic acid	7.87	122	212187	47.61	ng		98
33) 4-Chloroaniline	8.14	127	328421	38.08	ng		96
34) Hexachlorobutadiene	8.20	225	140311	41.22	ng		99
35) Caprolactam	8.52	113	81339	40.70	ng	#	85
36) 4-Chloro-3-methylphenol	8.62	107	254503	38.62	ng		97
37) 2-Methylnaphthalene	8.77	142	520473	41.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	240812	41.44	ng		99
40) Hexachlorocyclopentadiene	8.92	237	62901	32.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	158567	40.41	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	152693	37.10	ng		98
45) 1,1'-Biphenyl	9.24	154	687771	41.60	ng		95
46) 2-Chloronaphthalene	9.26	162	508833	41.85	ng		97
47) 2-Nitroaniline	9.37	65	156973	42.22	ng	#	84
48) Acenaphthylene	9.68	152	831020	41.95	ng		99
49) Dimethylphthalate	9.54	163	569657	38.32	ng		99
50) 2,6-Dinitrotoluene	9.61	165	131673	41.15	ng		88
51) Acenaphthene	9.85	154	484360	40.03	ng		99
52) 3-Nitroaniline	9.78	138	165112	45.08	ng		92
53) 2,4-Dinitrophenol	9.89	184	64963	43.19	ng	#	71
54) Dibenzofuran	10.02	168	628955	40.16	ng		99
55) 4-Nitrophenol	9.95	139	92607	38.81	ng		91
56) 2,4-Dinitrotoluene	10.01	165	154190	37.91	ng	#	38
57) Fluorene	10.36	166	551010	42.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	120340	42.07	ng		94
59) Diethylphthalate	10.24	149	551481	37.55	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	238274	37.43	ng		98
61) 4-Nitroaniline	10.40	138	155590	44.41	ng		93
62) Azobenzene	10.51	77	568975	40.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	90137	43.30	ng		93
65) n-Nitrosodiphenylamine	10.48	169	485927	43.16	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	156026	42.91	ng		99
67) Hexachlorobenzene	10.91	284	167119	43.94	ng		97
68) Atrazine	11.00	200	139823	36.79	ng		98
69) Pentachlorophenol	11.10	266	80438	43.08	ng		98
70) Phenanthrene	11.32	178	826729	45.30	ng		100
71) Anthracene	11.37	178	778952	40.66	ng		100
72) Carbazole	11.53	167	679235	42.23	ng		99
73) Di-n-butylphthalate	11.86	149	921384	41.74	ng		100
74) Fluoranthene	12.50	202	794406	40.95	ng		100
76) Benzidine	12.62	184	451913	44.41	ng		99
77) Pyrene	12.73	202	811889	34.18	ng		99
79) Butylbenzylphthalate	13.36	149	390208	39.23	ng		99
80) Benzo(a)anthracene	13.92	228	674146	40.92	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	552767	48.34	ng	#	94
82) Chrysene	13.96	228	692679	41.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	500971	42.06	ng		99
84) Di-n-octyl phthalate	14.52	149	864956	48.84	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	524941	40.96	ng		99
87) Benzo(b)fluoranthene	14.93	252	717316m	46.67	ng		
88) Benzo(k)fluoranthene	14.97	252	478759m	34.56	ng		
89) Benzo(a)pyrene	15.28	252	544044	39.87	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	437658	34.52	ng		98
91) Benzo(g,h,i)perylene	17.09	276	424397	33.06	ng		99

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

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