Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090166.D
Acq On : 21 Sep 2016 18:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 06:58:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	179063	20.00	ng		-0.01
21) Naphthalene-d8	7.80	136	632124	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	371895	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	590097	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	459682	20.00	ng		-0.01
86) Perylene-d12	14.95	264	405381	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	904197	82.31	ng		0.00
7) Phenol-d6	6.17	99	1045006	77.03	ng		0.00
23) Nitrobenzene-d5	7.08	82	844879	77.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	255732	80.15	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1301572	68.71	ng		-0.01
78) Terphenyl-d14	12.59	244	1221605	67.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	214838	36.04	ng		97
3) Pyridine	2.50	79	573520	44.37	ng		97
4) n-Nitrosodimethylamine	2.47	42	159617	41.38	ng		93
6) Aniline	6.17	93	588901	34.82	ng	#	80
8) 2-Chlorophenol	6.30	128	490095	38.77	ng		86
9) Benzaldehyde	6.04	77	238094	40.27	ng		98
10) Phenol	6.18	94	613609	38.26	ng	#	75
11) bis(2-Chloroethyl)ether	6.26	93	540808	43.24	ng		92
12) 1,3-Dichlorobenzene	6.44	146	470765	35.65	ng		97
13) 1,4-Dichlorobenzene	6.52	146	491467	36.45	ng		97
14) 1,2-Dichlorobenzene	6.68	146	457577	38.10	ng		96
15) Benzyl Alcohol	6.67	79	332351	41.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	530722	35.51	ng		99
17) 2-Methylphenol	6.80	107	401126	40.29	ng		96
18) Hexachloroethane	7.03	117	167870	34.91	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	286426	35.94	ng		97
20) 3+4-Methylphenols	6.96	107	486432	40.69	ng		97
22) Acetophenone	6.94	105	628469	41.23	ng	#	97
24) Nitrobenzene	7.11	77	508020	44.71	ng		91
25) Isophorone	7.35	82	848063	37.22	ng		97
26) 2-Nitrophenol	7.43	139	235475	42.09	ng	#	79
27) 2,4-Dimethylphenol	7.48	122	404948	40.74	ng		97
28) bis(2-Chloroethoxy)methane	7.58	93	536393	38.92	ng		99
29) 2,4-Dichlorophenol	7.67	162	330270	37.88	ng		91
30) 1,2,4-Trichlorobenzene	7.75	180	333914	38.34	ng		98
31) Naphthalene	7.83	128	1188770	39.50	ng		99
32) Benzoic acid	7.64	122	331209	48.54	ng		96
33) 4-Chloroaniline	7.88	127	436070m	34.93	ng		
34) Hexachlorobutadiene	7.95	225	176141	38.34	ng		97
35) Caprolactam	8.27	113	116083	40.23	ng		98
36) 4-Chloro-3-methylphenol	8.38	107	360140	36.55	ng		99
37) 2-Methylnaphthalene	8.51	142	706380	37.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	299039	35.03	ng		97
40) Hexachlorocyclopentadiene	8.67	237	164146	38.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	227347	37.37	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	220053	34.94	ng	#	84
45) 1,1'-Biphenyl	8.98	154	1017992	38.26	ng		96
46) 2-Chloronaphthalene	8.99	162	700742	35.70	ng		98
47) 2-Nitroaniline	9.10	65	236103	39.90	ng	#	80
48) Acenaphthylene	9.40	152	1123372	35.24	ng		99
49) Dimethylphthalate	9.29	163	838386	35.39	ng		99
50) 2,6-Dinitrotoluene	9.35	165	204707	38.78	ng		88
51) Acenaphthene	9.58	154	726555	38.40	ng		99
52) 3-Nitroaniline	9.51	138	222409	35.93	ng		88
53) 2,4-Dinitrophenol	9.62	184	123314	43.26	ng	#	81
54) Dibenzofuran	9.75	168	903686	36.29	ng		95
55) 4-Nitrophenol	9.69	139	195663	46.14	ng		96
56) 2,4-Dinitrotoluene	9.75	165	267973	42.93	ng		86
57) Fluorene	10.09	166	775803	41.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	194956	41.34	ng		96
59) Diethylphthalate	9.99	149	908233	39.70	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	310395	36.27	ng		88
61) 4-Nitroaniline	10.12	138	267252	42.36	ng		94
62) Azobenzene	10.25	77	941119	39.52	ng		87
64) 4,6-Dinitro-2-methylphenol	10.15	198	148495	40.18	ng	#	59
65) n-Nitrosodiphenylamine	10.20	169	736266	37.94	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	207764	35.78	ng	#	85
67) Hexachlorobenzene	10.63	284	236170	34.90	ng	#	89
68) Atrazine	10.74	200	195999	36.86	ng		96
69) Pentachlorophenol	10.82	266	159953	41.64	ng		98
70) Phenanthrene	11.04	178	1118907	40.54	ng		99
71) Anthracene	11.08	178	1013687	35.02	ng		100
72) Carbazole	11.24	167	1037597	33.91	ng		99
73) Di-n-butylphthalate	11.60	149	1380572	38.80	ng		99
74) Fluoranthene	12.20	202	968815	32.70	ng		100
76) Benzidine	12.34	184	354578	23.05	ng		98
77) Pyrene	12.43	202	1110510	35.30	ng		99
79) Butylbenzylphthalate	13.07	149	596156	38.75	ng	#	83
80) Benzo(a)anthracene	13.61	228	946834	38.29	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	376087	36.87	ng	#	99
82) Chrysene	13.65	228	781179m	32.43	ng		
83) Bis(2-ethylhexyl)phthalate	13.65	149	738280	37.49	ng	#	97
84) Di-n-octyl phthalate	14.25	149	1354382	39.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.10	276	762755	39.16	ng		98
87) Benzo(b)fluoranthene	14.61	252	1048279m	46.70	ng		
88) Benzo(k)fluoranthene	14.63	252	686886m	32.60	ng		
89) Benzo(a)pyrene	14.89	252	762955	36.13	ng	#	94
90) Dibenzo(a,h)anthracene	16.13	278	631711	38.34	ng		98
91) Benzo(g,h,i)perylene	16.45	276	626356	38.84	ng		99

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

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