Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091185.D
Acq On : 15 Nov 2016 18:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 16 06:48:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165061	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	675838	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	349151	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	579222	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	497637	20.00	ng		-0.03
86) Perylene-d12	15.15	264	375439	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	873011	87.35	ng		-0.02
7) Phenol-d6	6.29	99	1029535	75.89	ng		-0.02
23) Nitrobenzene-d5	7.21	82	998174	80.57	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	302710	95.90	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1493003	73.62	ng		-0.03
78) Terphenyl-d14	12.74	244	1836256	92.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	224541	39.28	ng		93
3) Pyridine	2.73	79	612942	45.83	ng		97
4) n-Nitrosodimethylamine	2.69	42	200575	37.91	ng		92
6) Aniline	6.30	93	646627	40.41	ng	#	62
8) 2-Chlorophenol	6.42	128	490892	41.18	ng		96
9) Benzaldehyde	6.18	77	291952	38.78	ng		98
10) Phenol	6.30	94	590035	39.30	ng	#	80
11) bis(2-Chloroethyl)ether	6.38	93	502849	39.75	ng		87
12) 1,3-Dichlorobenzene	6.57	146	495405m	41.09	ng		
13) 1,4-Dichlorobenzene	6.65	146	519421m	40.15	ng		
14) 1,2-Dichlorobenzene	6.81	146	508689	42.85	ng		98
15) Benzyl Alcohol	6.80	79	398899	41.69	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	646445	35.68	ng	#	47
17) 2-Methylphenol	6.92	107	377824	40.03	ng	#	91
18) Hexachloroethane	7.14	117	198244	39.60	ng	#	82
19) n-Nitroso-di-n-propylamine	7.07	70	372533	39.63	ng	#	87
20) 3+4-Methylphenols	7.07	107	500428	44.16	ng		88
22) Acetophenone	7.06	105	666088	42.80	ng	#	94
24) Nitrobenzene	7.23	77	581170	42.47	ng		99
25) Isophorone	7.47	82	947541	39.69	ng		99
26) 2-Nitrophenol	7.55	139	261069	45.09	ng	#	71
27) 2,4-Dimethylphenol	7.60	122	386923	40.41	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	568647	43.60	ng		99
29) 2,4-Dichlorophenol	7.79	162	347310	41.56	ng		92
30) 1,2,4-Trichlorobenzene	7.87	180	422980	45.01	ng		99
31) Naphthalene	7.95	128	1395479	43.18	ng		99
32) Benzoic acid	7.76	122	242535	34.11	ng		99
33) 4-Chloroaniline	8.01	127	600901	44.70	ng		97
34) Hexachlorobutadiene	8.06	225	223393	44.04	ng		100
35) Caprolactam	8.40	113	113407	43.19	ng	#	67
36) 4-Chloro-3-methylphenol	8.50	107	369104	36.48	ng		87
37) 2-Methylnaphthalene	8.64	142	785989	37.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	407676	45.80	ng	#	97
40) Hexachlorocyclopentadiene	8.80	237	86760	29.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	241690	42.06	ng		99
43) 2,4,5-Trichlorophenol	8.97	196	265414	43.99	ng		95
45) 1,1'-Biphenyl	9.10	154	1073667	42.11	ng		97
46) 2-Chloronaphthalene	9.13	162	826341	42.69	ng		96
47) 2-Nitroaniline	9.23	65	254423	35.42	ng		97
48) Acenaphthylene	9.54	152	1256317	41.65	ng		99
49) Dimethylphthalate	9.41	163	936432	40.90	ng		99
50) 2,6-Dinitrotoluene	9.47	165	206434	42.07	ng		88
51) Acenaphthene	9.71	154	787012	41.56	ng		100
52) 3-Nitroaniline	9.64	138	221696	38.10	ng		99
53) 2,4-Dinitrophenol	9.76	184	66363	29.15	ng	#	68
54) Dibenzofuran	9.88	168	1079053	42.33	ng		92
55) 4-Nitrophenol	9.82	139	108215	31.66	ng		94
56) 2,4-Dinitrotoluene	9.88	165	277217	44.41	ng		94
57) Fluorene	10.22	166	910961	43.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	226182	47.85	ng		89
59) Diethylphthalate	10.11	149	995791	42.42	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	390071	41.13	ng	#	84
61) 4-Nitroaniline	10.26	138	240752	40.90	ng		96
62) Azobenzene	10.37	77	832600m	30.13	ng		
64) 4,6-Dinitro-2-methylphenol	10.29	198	131334	37.03	ng		95
65) n-Nitrosodiphenylamine	10.34	169	754338	40.97	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	291168	48.33	ng	#	73
67) Hexachlorobenzene	10.77	284	305498	45.97	ng	#	73
68) Atrazine	10.88	200	229608	43.23	ng		95
69) Pentachlorophenol	10.97	266	106278	36.11	ng		98
70) Phenanthrene	11.17	178	1200389	38.98	ng		99
71) Anthracene	11.23	178	1423976	43.50	ng		100
72) Carbazole	11.39	167	1229125	41.66	ng		98
73) Di-n-butylphthalate	11.72	149	1402629	37.80	ng		99
74) Fluoranthene	12.36	202	1436134	44.97	ng		89
76) Benzidine	12.49	184	480991	43.26	ng		99
77) Pyrene	12.58	202	1341331	41.16	ng		99
79) Butylbenzylphthalate	13.21	149	710394	45.57	ng		95
80) Benzo(a)anthracene	13.77	228	1196638	42.35	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	464271	46.77	ng		99
82) Chrysene	13.81	228	1303610	46.79	ng		100
83) Bis(2-ethylhexyl)phthalate	13.78	149	964553	45.72	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1598242	46.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	943094	40.80	ng		96
87) Benzo(b)fluoranthene	14.77	252	998968m	39.23	ng		
88) Benzo(k)fluoranthene	14.80	252	1075941m	48.17	ng		
89) Benzo(a)pyrene	15.09	252	942522	42.52	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	813467	42.45	ng		97
91) Benzo(g,h,i)perylene	16.80	276	751822	43.38	ng		97

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

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