Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091926.D
Acq On : 23 Dec 2016 16:23
Operator : UM/SJ
Sample : H6156-25MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201612MS

Quant Time: Dec 23 22:27:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186621	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	769137	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	413103	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	709790	20.00	ng		0.00
75) Chrysene-d12	13.89	240	535401	20.00	ng		-0.01
86) Perylene-d12	15.29	264	431826	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1389455	124.32	ng		0.05
7) Phenol-d6	6.44	99	1778253	130.32	ng		0.03
23) Nitrobenzene-d5	7.31	82	1237595	89.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	508198	148.65	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2047919	104.54	ng		-0.01
78) Terphenyl-d14	12.84	244	1911162	86.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	189768	34.49	ng		96
3) Pyridine	3.00	79	601000	31.29	ng		99
4) n-Nitrosodimethylamine	2.97	42	324145	44.75	ng		97
6) Aniline	6.41	93	630223	35.56	ng	#	44
8) 2-Chlorophenol	6.54	128	535616	42.13	ng		99
9) Benzaldehyde	6.28	77	97224	9.68	ng		98
10) Phenol	6.45	94	706003	45.40	ng	#	66
11) bis(2-Chloroethyl)ether	6.49	93	598799	48.40	ng		97
12) 1,3-Dichlorobenzene	6.68	146	552508	40.71	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	564368	40.85	ng		95
14) 1,2-Dichlorobenzene	6.91	146	470983	39.29	ng		97
15) Benzyl Alcohol	6.91	79	516470	48.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	778493	42.25	ng		90
17) 2-Methylphenol	7.05	107	481456	47.09	ng		96
18) Hexachloroethane	7.25	117	213516	41.69	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	440907	48.57	ng		98
20) 3+4-Methylphenols	7.20	107	637613	52.28	ng	#	71
22) Acetophenone	7.16	105	865256	45.61	ng	#	89
24) Nitrobenzene	7.33	77	708496	48.09	ng		94
25) Isophorone	7.57	82	1115696	43.72	ng		96
26) 2-Nitrophenol	7.65	139	306708	42.22	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	470845	39.07	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	746465	48.24	ng		99
29) 2,4-Dichlorophenol	7.92	162	486557	47.69	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	487093	43.56	ng		96
31) Naphthalene	8.05	128	4956681	140.81	ng		98
32) Benzoic acid	7.84	122	117291	13.12	ng		98
33) 4-Chloroaniline	8.11	127	529335	33.35	ng		99
34) Hexachlorobutadiene	8.17	225	255196	43.24	ng		100
35) Caprolactam	8.49	113	132773m	39.60	ng		
36) 4-Chloro-3-methylphenol	8.62	107	579138	49.33	ng		95
37) 2-Methylnaphthalene	8.74	142	1177721	66.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	485979	46.56	ng		99
40) Hexachlorocyclopentadiene	8.90	237	269048	58.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	318196	43.59	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	306683	40.83	ng		94
45) 1,1'-Biphenyl	9.21	154	1416447	50.08	ng		98
46) 2-Chloronaphthalene	9.23	162	1013816	45.26	ng		96
47) 2-Nitroaniline	9.33	65	309920	38.86	ng		96
48) Acenaphthylene	9.64	152	1530795	44.44	ng		99
49) Dimethylphthalate	9.52	163	1227032	46.44	ng		99
50) 2,6-Dinitrotoluene	9.57	165	256602	44.37	ng	#	62
51) Acenaphthene	9.81	154	968092	41.45	ng		99
52) 3-Nitroaniline	9.74	138	258002	36.05	ng		95
53) 2,4-Dinitrophenol	9.86	184	158230	49.17	ng		96
54) Dibenzofuran	9.98	168	1310618	41.55	ng		97
55) 4-Nitrophenol	9.95	139	450571m	92.72	ng		
56) 2,4-Dinitrotoluene	9.97	165	339692	46.80	ng	#	78
57) Fluorene	10.33	166	1084086	47.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	265743	44.73	ng		99
59) Diethylphthalate	10.21	149	1252738	48.82	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	478121	47.58	ng		93
61) 4-Nitroaniline	10.36	138	244158	32.92	ng		97
62) Azobenzene	10.48	77	1322417	46.81	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	144294	33.62	ng	#	38
65) n-Nitrosodiphenylamine	10.44	169	963048	45.72	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	318311	43.11	ng		97
67) Hexachlorobenzene	10.88	284	360798	45.72	ng		98
68) Atrazine	10.98	200	326984	48.13	ng		96
69) Pentachlorophenol	11.08	266	309709	79.98	ng		99
70) Phenanthrene	11.29	178	1774776	46.11	ng		99
71) Anthracene	11.33	178	1601401	48.03	ng		99
72) Carbazole	11.50	167	1655702	66.02	ng		98
73) Di-n-butylphthalate	11.82	149	1754663	48.43	ng		99
74) Fluoranthene	12.46	202	1582366	47.04	ng		99
76) Benzidine	12.60	184	701292	53.78	ng		96
77) Pyrene	12.69	202	1586447	40.39	ng		100
79) Butylbenzylphthalate	13.32	149	822387	46.03	ng		92
80) Benzo(a)anthracene	13.88	228	1319846	43.67	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	310550	27.10	ng		98
82) Chrysene	13.92	228	1134927	37.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	999918	47.52	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1732666	44.45	ng		100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1104444	42.05	ng		99
87) Benzo(b)fluoranthene	14.90	252	1282621m	47.71	ng		
88) Benzo(k)fluoranthene	14.92	252	963322m	42.02	ng		
89) Benzo(a)pyrene	15.23	252	1063738	44.58	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	899591	45.87	ng		97
91) Benzo(g,h,i)perylene	17.03	276	949994	46.58	ng		99

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

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