Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091737.D
Acq On : 18 Dec 2016 15:39
Operator : UM/SJ
Sample : H6101-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW03-121316MSD

Quant Time: Dec 19 03:10:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	340613m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	1275481	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	673707	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1036390	20.00	ng		0.00
75) Chrysene-d12	13.93	240	777914	20.00	ng		0.00
86) Perylene-d12	15.32	264	696047	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1405454	69.13	ng		0.00
7) Phenol-d6	6.41	99	1144245	46.15	ng		-0.01
23) Nitrobenzene-d5	7.34	82	2304547	104.19	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	678014	118.68	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3243124	96.71	ng		0.00
78) Terphenyl-d14	12.88	244	2789877	90.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	181155	18.09	ng		96
3) Pyridine	3.08	79	478438	14.83	ng		97
4) n-Nitrosodimethylamine	3.02	42	238371	19.10	ng		94
6) Aniline	6.43	93	924094m	28.97	ng		
8) 2-Chlorophenol	6.56	128	906547	40.51	ng		97
9) Benzaldehyde	6.30	77	219750	12.18	ng		88
10) Phenol	6.42	94	454954m	16.28	ng		
11) bis(2-Chloroethyl)ether	6.51	93	1179647	52.85	ng		96
12) 1,3-Dichlorobenzene	6.70	146	1036242m	42.16	ng		
13) 1,4-Dichlorobenzene	6.78	146	1016057m	40.86	ng		
14) 1,2-Dichlorobenzene	6.94	146	942742	43.28	ng		97
15) Benzyl Alcohol	6.91	79	537647	28.01	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1531106	44.89	ng		100
17) 2-Methylphenol	7.04	107	561643	30.03	ng		98
18) Hexachloroethane	7.29	117	370315	40.08	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	721794	43.76	ng		98
20) 3+4-Methylphenols	7.20	107	614168	29.44	ng	#	89
22) Acetophenone	7.18	105	1451346	47.13	ng	#	97
24) Nitrobenzene	7.36	77	1030069	43.37	ng		98
25) Isophorone	7.61	82	2198605	52.10	ng		99
26) 2-Nitrophenol	7.68	139	586989	51.23	ng		94
27) 2,4-Dimethylphenol	7.72	122	849608	45.45	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1275263	51.65	ng		100
29) 2,4-Dichlorophenol	7.92	162	769421	44.63	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	840383	44.98	ng	#	95
31) Naphthalene	8.08	128	2609238	42.82	ng		100
32) Benzoic acid	7.81	122	158092	11.87	ng		99
33) 4-Chloroaniline	8.13	127	948958	36.97	ng		96
34) Hexachlorobutadiene	8.20	225	469011	44.65	ng		100
35) Caprolactam	8.51	113	38286m	6.90	ng		
36) 4-Chloro-3-methylphenol	8.61	107	767934	40.38	ng		99
37) 2-Methylnaphthalene	8.77	142	1966609	51.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	758694	45.18	ng		99
40) Hexachlorocyclopentadiene	8.92	237	729240	102.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	577081	48.10	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	557988	47.34	ng		93
45) 1,1'-Biphenyl	9.24	154	2379493	49.28	ng		99
46) 2-Chloronaphthalene	9.26	162	1774039	49.16	ng		98
47) 2-Nitroaniline	9.36	65	559181	45.39	ng		99
48) Acenaphthylene	9.68	152	2675800	47.86	ng		100
49) Dimethylphthalate	9.55	163	2275853	51.72	ng		99
50) 2,6-Dinitrotoluene	9.61	165	511358	53.00	ng		99
51) Acenaphthene	9.85	154	1806487	47.07	ng		99
52) 3-Nitroaniline	9.77	138	373385	31.08	ng		100
53) 2,4-Dinitrophenol	9.88	184	528713	101.43	ng	#	74
54) Dibenzofuran	10.02	168	2300717	50.42	ng		100
55) 4-Nitrophenol	9.94	139	292502	35.06	ng		89
56) 2,4-Dinitrotoluene	10.01	165	607480	50.40	ng		96
57) Fluorene	10.36	166	1834770	51.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	451032	46.28	ng		99
59) Diethylphthalate	10.25	149	2096694	48.47	ng		94
60) 4-Chlorophenyl-phenylether	10.35	204	708763	43.90	ng		99
61) 4-Nitroaniline	10.38	138	435703	38.28	ng		99
62) Azobenzene	10.51	77	2214926	48.12	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	364494	53.32	ng		89
65) n-Nitrosodiphenylamine	10.48	169	1602671	49.80	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	550185	50.63	ng		95
67) Hexachlorobenzene	10.91	284	586164	51.47	ng	#	91
68) Atrazine	11.00	200	511075	52.55	ng		97
69) Pentachlorophenol	11.10	266	606182	98.64	ng		100
70) Phenanthrene	11.32	178	2778543m	53.65	ng		
71) Anthracene	11.37	178	2445198m	44.58	ng		
72) Carbazole	11.53	167	2556202	53.29	ng		99
73) Di-n-butylphthalate	11.86	149	2795073	45.45	ng		100
74) Fluoranthene	12.50	202	2466826	45.61	ng		99
76) Benzidine	12.62	184	910647	40.67	ng		97
77) Pyrene	12.73	202	2479185	44.13	ng		99
79) Butylbenzylphthalate	13.36	149	1351365	51.40	ng		89
80) Benzo(a)anthracene	13.92	228	1948064	43.78	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	679221	38.15	ng		98
82) Chrysene	13.95	228	1922454	41.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1501737	45.03	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2943366	47.89	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1917974	42.29	ng		99
87) Benzo(b)fluoranthene	14.93	252	2142561m	48.54	ng		
88) Benzo(k)fluoranthene	14.97	252	1859331m	60.04	ng		
89) Benzo(a)pyrene	15.28	252	1922592	50.75	ng	#	95
90) Dibenzo(a,h)anthracene	16.69	278	1552447	47.02	ng		99
91) Benzo(g,h,i)perylene	17.08	276	1618763	48.24	ng	#	95

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

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