Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091736.D
Acq On : 18 Dec 2016 15:12
Operator : UM/SJ
Sample : H6101-05MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW03-121316MS

Quant Time: Dec 19 03:08:17 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	6.77	152	346038	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1297134	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	697173	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1041963	20.00	ng		0.00
75) Chrysene-d12	13.93	240	789609	20.00	ng		0.00
86) Perylene-d12	15.32	264	722723	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1485592	71.93	ng		0.01
7) Phenol-d6	6.41	99	1124005	44.62	ng		-0.01
23) Nitrobenzene-d5	7.34	82	2686948	119.46	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	763550	129.16	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3389900	97.69	ng		0.00
78) Terphenyl-d14	12.88	244	2985861	95.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	194549	19.13	ng		97
3) Pyridine	3.08	79	495883	15.13	ng		98
4) n-Nitrosodimethylamine	3.02	42	256488	20.22	ng		99
6) Aniline	6.43	93	536501	16.55	ng	#	62
8) 2-Chlorophenol	6.56	128	917400	40.35	ng		99
9) Benzaldehyde	6.30	77	223317	12.18	ng		89
10) Phenol	6.42	94	441694	15.56	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	1202867	53.05	ng		97
12) 1,3-Dichlorobenzene	6.70	146	1000489m	40.07	ng		
13) 1,4-Dichlorobenzene	6.78	146	1031989	40.85	ng		99
14) 1,2-Dichlorobenzene	6.94	146	1063184	48.04	ng		97
15) Benzyl Alcohol	6.92	79	660770	33.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1714270	49.47	ng		99
17) 2-Methylphenol	7.04	107	662184	34.85	ng		98
18) Hexachloroethane	7.28	117	393065	41.88	ng	#	86
19) n-Nitroso-di-n-propylamine	7.20	70	836925	49.95	ng		97
20) 3+4-Methylphenols	7.20	107	687155	32.42	ng	#	88
22) Acetophenone	7.18	105	1648104	52.62	ng	#	97
24) Nitrobenzene	7.36	77	1179561	48.83	ng		98
25) Isophorone	7.61	82	2341846	54.57	ng		98
26) 2-Nitrophenol	7.68	139	628784	53.96	ng		94
27) 2,4-Dimethylphenol	7.72	122	866455	45.58	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1406027	55.99	ng		100
29) 2,4-Dichlorophenol	7.92	162	893487	50.96	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	940905	49.52	ng	#	95
31) Naphthalene	8.08	128	2744937	44.29	ng		100
32) Benzoic acid	7.82	122	196539	14.51	ng		89
33) 4-Chloroaniline	8.13	127	327991	12.56	ng	#	93
34) Hexachlorobutadiene	8.20	225	468697	43.88	ng		98
35) Caprolactam	8.51	113	43084m	7.64	ng		
36) 4-Chloro-3-methylphenol	8.61	107	848525	43.87	ng		99
37) 2-Methylnaphthalene	8.77	142	2034596	52.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	826169	47.54	ng		99
40) Hexachlorocyclopentadiene	8.92	237	756194	102.67	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	622701	50.15	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	597901	49.02	ng		96
45) 1,1'-Biphenyl	9.24	154	2528756	50.61	ng		100
46) 2-Chloronaphthalene	9.26	162	1887349	50.54	ng		99
47) 2-Nitroaniline	9.36	65	574686	45.07	ng		100
48) Acenaphthylene	9.68	152	2692630	46.54	ng		100
49) Dimethylphthalate	9.55	163	2466096	54.15	ng		99
50) 2,6-Dinitrotoluene	9.61	165	532436	53.32	ng		91
51) Acenaphthene	9.85	154	1834450	46.19	ng		99
52) 3-Nitroaniline	9.77	138	194882	15.68	ng		94
53) 2,4-Dinitrophenol	9.88	184	508766	94.32	ng	#	65
54) Dibenzofuran	10.02	168	2358189	49.94	ng		98
55) 4-Nitrophenol	9.94	139	271181	31.41	ng		99
56) 2,4-Dinitrotoluene	10.01	165	566485	45.42	ng		87
57) Fluorene	10.36	166	1898483	51.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	497742	49.35	ng		96
59) Diethylphthalate	10.25	149	2217987	49.55	ng		95
60) 4-Chlorophenyl-phenylether	10.35	204	749665	44.87	ng		99
61) 4-Nitroaniline	10.38	138	444971	37.78	ng		99
62) Azobenzene	10.51	77	2288393	48.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	382121	55.60	ng		83
65) n-Nitrosodiphenylamine	10.48	169	1604086	49.58	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	563418	51.57	ng		97
67) Hexachlorobenzene	10.91	284	634621	55.43	ng		95
68) Atrazine	11.01	200	586118	59.94	ng		93
69) Pentachlorophenol	11.10	266	639867	103.57	ng		99
70) Phenanthrene	11.32	178	2905565m	55.81	ng		
71) Anthracene	11.37	178	2519343m	45.68	ng		
72) Carbazole	11.53	167	2683421	55.65	ng		100
73) Di-n-butylphthalate	11.86	149	2875834	46.52	ng		100
74) Fluoranthene	12.50	202	2522186	46.38	ng		99
76) Benzidine	12.63	184	466919	20.54	ng		98
77) Pyrene	12.73	202	2569507	45.06	ng		98
79) Butylbenzylphthalate	13.36	149	1410863	52.86	ng		91
80) Benzo(a)anthracene	13.92	228	2220812	49.17	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	454109	25.13	ng	#	97
82) Chrysene	13.95	228	1911438	40.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1557721	46.01	ng	#	98
84) Di-n-octyl phthalate	14.52	149	3065194	49.13	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2027841	44.05	ng		100
87) Benzo(b)fluoranthene	14.93	252	2241560	48.91	ng		99
88) Benzo(k)fluoranthene	14.97	252	2070507m	64.39	ng		
89) Benzo(a)pyrene	15.28	252	2047371	52.05	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	1670307	48.72	ng		99
91) Benzo(g,h,i)perylene	17.08	276	1693590	48.60	ng	#	95

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

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