Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091184.D
Acq On : 15 Nov 2016 17:43
Operator : UM/SJ
Sample : H5636-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041MSD

Quant Time: Nov 16 06:46:20 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	161829	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	645329	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	384523	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	632609	20.00	ng		-0.02
75) Chrysene-d12	13.79	240	453388	20.00	ng		-0.02
86) Perylene-d12	15.15	264	391579	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	675264	68.91	ng		-0.02
7) Phenol-d6	6.29	99	562167	42.27	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1187388	100.37	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	588024	169.15	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	2105236	94.26	ng		-0.02
78) Terphenyl-d14	12.74	244	2039221	112.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	84329	15.04	ng	#	90
3) Pyridine	2.80	79	208453	15.90	ng		100
4) n-Nitrosodimethylamine	2.74	42	97571	18.81	ng		93
6) Aniline	6.30	93	299077	19.06	ng	#	80
8) 2-Chlorophenol	6.42	128	484219	41.43	ng		97
9) Benzaldehyde	6.19	77	54456	7.38	ng		94
10) Phenol	6.30	94	243600	16.55	ng		88
11) bis(2-Chloroethyl)ether	6.37	93	552841m	44.57	ng		
12) 1,3-Dichlorobenzene	6.57	146	577248m	48.83	ng		
13) 1,4-Dichlorobenzene	6.65	146	604584m	47.67	ng		
14) 1,2-Dichlorobenzene	6.81	146	595166	51.13	ng		98
15) Benzyl Alcohol	6.80	79	290174	30.93	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	786989	44.31	ng		88
17) 2-Methylphenol	6.92	107	317604	34.32	ng	#	88
18) Hexachloroethane	7.14	117	224737m	45.78	ng		
19) n-Nitroso-di-n-propylamine	7.07	70	507836	55.10	ng		92
20) 3+4-Methylphenols	7.08	107	368194	33.14	ng		97
22) Acetophenone	7.06	105	862183	58.03	ng	#	94
24) Nitrobenzene	7.23	77	685020	52.43	ng		100
25) Isophorone	7.47	82	1075845	47.20	ng		98
26) 2-Nitrophenol	7.55	139	302389	54.69	ng	#	67
27) 2,4-Dimethylphenol	7.60	122	403044	44.08	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	640463	51.43	ng		99
29) 2,4-Dichlorophenol	7.80	162	405780	50.85	ng		91
30) 1,2,4-Trichlorobenzene	7.87	180	495292	55.20	ng		98
31) Naphthalene	7.95	128	1981521	64.21	ng		99
32) Benzoic acid	7.72	122	67670	13.56	ng		96
33) 4-Chloroaniline	8.01	127	177751	13.85	ng		97
34) Hexachlorobutadiene	8.06	225	265052	54.73	ng		98
35) Caprolactam	8.42	113	8212m	3.28	ng		
36) 4-Chloro-3-methylphenol	8.50	107	411192	42.56	ng		89
37) 2-Methylnaphthalene	8.64	142	1057479	53.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	503105	51.32	ng		98
40) Hexachlorocyclopentadiene	8.80	237	344544	89.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	317150	50.11	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	327339	49.26	ng		97
45) 1,1'-Biphenyl	9.10	154	1218404	43.39	ng		98
46) 2-Chloronaphthalene	9.13	162	998753	46.85	ng		99
47) 2-Nitroaniline	9.24	65	327064	41.34	ng	#	67
48) Acenaphthylene	9.54	152	1391504	41.89	ng		97
49) Dimethylphthalate	9.42	163	1345085	53.35	ng		98
50) 2,6-Dinitrotoluene	9.48	165	291010	53.85	ng	#	65
51) Acenaphthene	9.71	154	1055211	50.59	ng		99
52) 3-Nitroaniline	9.65	138	82234	12.83	ng	#	83
53) 2,4-Dinitrophenol	9.77	184	278825	93.58	ng		96
54) Dibenzofuran	9.88	168	1497286	53.33	ng		99
55) 4-Nitrophenol	9.84	139	115421m	30.84	ng		
56) 2,4-Dinitrotoluene	9.89	165	419710	61.05	ng	#	74
57) Fluorene	10.22	166	1178397	51.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	297805	57.21	ng	#	99
59) Diethylphthalate	10.11	149	1303407	50.42	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	559531	53.57	ng		97
61) 4-Nitroaniline	10.27	138	267765m	41.31	ng		
62) Azobenzene	10.37	77	1352299m	44.44	ng		
64) 4,6-Dinitro-2-methylphenol	10.29	198	191539	49.45	ng	#	39
65) n-Nitrosodiphenylamine	10.34	169	1138216	56.61	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	380412	57.81	ng	#	85
67) Hexachlorobenzene	10.77	284	452255	62.32	ng	#	90
68) Atrazine	10.89	200	350979	60.50	ng		100
69) Pentachlorophenol	10.98	266	402282	125.15	ng		99
70) Phenanthrene	11.18	178	2137577	63.56	ng		99
71) Anthracene	11.23	178	1753409	49.04	ng		98
72) Carbazole	11.39	167	1557431	48.34	ng		99
73) Di-n-butylphthalate	11.73	149	2211457	54.57	ng		100
74) Fluoranthene	12.36	202	1755058	50.32	ng		93
76) Benzidine	12.49	184	432143	42.66	ng		98
77) Pyrene	12.59	202	1868292	62.92	ng		99
79) Butylbenzylphthalate	13.22	149	913047	64.29	ng	#	75
80) Benzo(a)anthracene	13.77	228	1490227	57.89	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	297834	32.93	ng		99
82) Chrysene	13.81	228	1599302	63.01	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1054159	54.85	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1816075	57.47	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.43	276	1304694	61.95	ng		94
87) Benzo(b)fluoranthene	14.77	252	1793772m	67.54	ng		
88) Benzo(k)fluoranthene	14.81	252	1015061m	43.57	ng		
89) Benzo(a)pyrene	15.09	252	1223016	52.90	ng	#	97
90) Dibenzo(a,h)anthracene	16.43	278	1105615	55.32	ng		99
91) Benzo(g,h,i)perylene	16.81	276	1039172	57.49	ng	#	91

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

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