Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090319.D
Acq On : 30 Sep 2016 18:33
Operator : UM/SJ
Sample : H5025-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-4MSD

Quant Time: Sep 30 23:02:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	125305m	20.00	ng		-0.02
21) Naphthalene-d8	7.75	136	483840m	20.00	ng		-0.02
38) Acenaphthene-d10	9.48	164	239122	20.00	ng		-0.02
63) Phenanthrene-d10	10.96	188	325715	20.00	ng		-0.02
75) Chrysene-d12	13.58	240	227827	20.00	ng		-0.02
86) Perylene-d12	14.89	264	220381	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	1027087	133.61	ng		-0.01
7) Phenol-d6	6.12	99	1343901	141.56	ng		-0.01
23) Nitrobenzene-d5	7.03	82	807172	96.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.27	330	230841	112.52	ng		-0.02
44) 2-Fluorobiphenyl	8.82	172	1109086	91.06	ng		-0.03
78) Terphenyl-d14	12.54	244	713315	79.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	151610	36.35	ng	#	93
3) Pyridine	2.43	79	427358	47.25	ng		97
4) n-Nitrosodimethylamine	2.40	42	152710	56.57	ng		91
6) Aniline	6.14	93	486728m	41.13	ng		
8) 2-Chlorophenol	6.24	128	398400	45.04	ng		95
9) Benzaldehyde	5.99	77	199445	48.21	ng		96
10) Phenol	6.15	94	472980m	42.14	ng		
11) bis(2-Chloroethyl)ether	6.20	93	441861	50.49	ng		96
12) 1,3-Dichlorobenzene	6.39	146	403964m	43.72	ng		
13) 1,4-Dichlorobenzene	6.47	146	414003m	43.88	ng		
14) 1,2-Dichlorobenzene	6.63	146	388547	46.23	ng		95
15) Benzyl Alcohol	6.62	79	299416	52.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.75	45	425503	40.68	ng	#	21
17) 2-Methylphenol	6.75	107	352226m	50.55	ng		
18) Hexachloroethane	6.96	117	136596	40.59	ng		95
19) n-Nitroso-di-n-propylamine	6.90	70	308427	55.30	ng		99
20) 3+4-Methylphenols	6.91	107	460146	55.01	ng		98
22) Acetophenone	6.88	105	684355	58.65	ng	#	96
24) Nitrobenzene	7.05	77	428598	49.28	ng		97
25) Isophorone	7.30	82	818076	46.91	ng		97
26) 2-Nitrophenol	7.37	139	238108	55.60	ng		92
27) 2,4-Dimethylphenol	7.43	122	349223	45.90	ng		96
28) bis(2-Chloroethoxy)methane	7.52	93	507175	48.08	ng		99
29) 2,4-Dichlorophenol	7.62	162	336668	50.45	ng		96
30) 1,2,4-Trichlorobenzene	7.69	180	310693	46.61	ng		99
31) Naphthalene	7.77	128	1169311	50.75	ng		99
32) Benzoic acid	7.53	122	18388	3.52	ng		97
33) 4-Chloroaniline	7.84	127	220272	23.05	ng		97
34) Hexachlorobutadiene	7.90	225	167020	47.50	ng		98
35) Caprolactam	8.22	113	100624m	45.55	ng		
36) 4-Chloro-3-methylphenol	8.33	107	342138	45.36	ng		100
37) 2-Methylnaphthalene	8.46	142	678202	47.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	293684	53.51	ng		97
40) Hexachlorocyclopentadiene	8.62	237	90633	33.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	190316	48.66	ng		99
43) 2,4,5-Trichlorophenol	8.79	196	203272	50.19	ng	#	89
45) 1,1'-Biphenyl	8.92	154	859480	50.24	ng		97
46) 2-Chloronaphthalene	8.94	162	599943	47.54	ng		97
47) 2-Nitroaniline	9.05	65	226104	59.42	ng		95
48) Acenaphthylene	9.35	152	884959	43.18	ng		99
49) Dimethylphthalate	9.24	163	1372215	90.10	ng		100
50) 2,6-Dinitrotoluene	9.30	165	169346	49.89	ng	#	53
51) Acenaphthene	9.52	154	526509	43.28	ng		99
52) 3-Nitroaniline	9.46	138	121712	30.58	ng		83
53) 2,4-Dinitrophenol	9.56	184	39786	23.28	ng	#	84
54) Dibenzofuran	9.69	168	761330	47.55	ng		94
55) 4-Nitrophenol	9.64	139	209251	76.75	ng	#	76
56) 2,4-Dinitrotoluene	9.69	165	179642	44.76	ng	#	82
57) Fluorene	10.03	166	617517	51.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	147511	48.65	ng		98
59) Diethylphthalate	9.93	149	671878	45.68	ng		100
60) 4-Chlorophenyl-phenylether	10.03	204	255321	46.40	ng		89
61) 4-Nitroaniline	10.07	138	170538	42.04	ng		88
62) Azobenzene	10.19	77	776384	50.71	ng		90
64) 4,6-Dinitro-2-methylphenol	10.10	198	48510	23.78	ng		95
65) n-Nitrosodiphenylamine	10.16	169	587401	54.84	ng		100
66) 4-Bromophenyl-phenylether	10.51	248	156470	48.82	ng	#	83
67) Hexachlorobenzene	10.57	284	177475	47.51	ng	#	81
68) Atrazine	10.70	200	164466	56.04	ng		99
69) Pentachlorophenol	10.78	266	200897	94.75	ng		99
70) Phenanthrene	10.98	178	870948	57.18	ng		99
71) Anthracene	11.03	178	754769	47.24	ng		100
72) Carbazole	11.19	167	741178	43.88	ng		98
73) Di-n-butylphthalate	11.54	149	961144	48.94	ng		99
74) Fluoranthene	12.15	202	764879	46.78	ng		99
77) Pyrene	12.38	202	735466	47.18	ng		99
79) Butylbenzylphthalate	13.03	149	376543	49.38	ng		99
80) Benzo(a)anthracene	13.57	228	592068m	48.30	ng		
81) 3,3'-Dichlorobenzidine	13.54	252	69766	13.80	ng	#	98
82) Chrysene	13.60	228	500132m	41.89	ng		
83) Bis(2-ethylhexyl)phthalate	13.60	149	457996	46.93	ng	#	97
84) Di-n-octyl phthalate	14.21	149	852046	50.68	ng		99
85) Indeno(1,2,3-cd)pyrene	16.03	276	533528	55.27	ng		95
87) Benzo(b)fluoranthene	14.56	252	715793m	58.65	ng		
88) Benzo(k)fluoranthene	14.58	252	447677m	39.09	ng		
89) Benzo(a)pyrene	14.85	252	541895	47.21	ng		98
90) Dibenzo(a,h)anthracene	16.05	278	443129	49.47	ng		98
91) Benzo(g,h,i)perylene	16.37	276	436684	49.81	ng		96

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

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