Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087917.D
Acq On : 11 Jun 2016 22:30
Operator : UM/SJ
Sample : H3362-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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6/13/2016 7:44:29 PM

Quant Time: Jun 12 05:49:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153653	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	641444	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	331563	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	615089	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	399822	20.00	ng		-0.02
86) Perylene-d12	15.38	264	380459	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	484187	53.87	ng		-0.03
7) Phenol-d6	6.43	99	396749	36.42	ng		-0.05
23) Nitrobenzene-d5	7.38	82	890065	81.03	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	296503	84.69	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1357028	62.85	ng		-0.03
78) Terphenyl-d14	12.91	244	1379182	78.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	60277	13.80	ng	#	32
3) Pyridine	3.11	79	133160	12.91	ng		97
4) n-Nitrosodimethylamine	3.04	42	62848	14.39	ng		85
6) Aniline	6.47	93	302004	19.48	ng		96
8) 2-Chlorophenol	6.59	128	337422	31.72	ng	#	78
9) Benzaldehyde	6.34	77	32368	3.88	ng		96
10) Phenol	6.44	94	157737	12.21	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	379130	39.69	ng		95
12) 1,3-Dichlorobenzene	6.74	146	399258	34.98	ng		97
13) 1,4-Dichlorobenzene	6.82	146	423310	36.82	ng		99
14) 1,2-Dichlorobenzene	6.97	146	370705m	35.45	ng		
15) Benzyl Alcohol	6.95	79	215182	25.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	525418	40.72	ng		89
17) 2-Methylphenol	7.07	107	259009	30.02	ng		98
18) Hexachloroethane	7.31	117	148182	36.32	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	310393	44.54	ng		88
20) 3+4-Methylphenols	7.22	107	227071	22.56	ng	#	66
22) Acetophenone	7.22	105	565054	39.42	ng	#	93
24) Nitrobenzene	7.39	77	431544	40.56	ng		93
25) Isophorone	7.63	82	850682	41.81	ng		100
26) 2-Nitrophenol	7.71	139	262481	46.05	ng	#	76
27) 2,4-Dimethylphenol	7.76	122	379716	36.18	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	529678	41.97	ng		98
29) 2,4-Dichlorophenol	7.95	162	353534	40.35	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	350222	36.71	ng		99
31) Naphthalene	8.11	128	1158533	36.50	ng		100
32) Benzoic acid	7.84	122	75501	13.07	ng		95
33) 4-Chloroaniline	8.17	127	361359	25.49	ng	#	92
34) Hexachlorobutadiene	8.24	225	191585	38.07	ng		98
35) Caprolactam	8.55	113	19158	6.60	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	374074	39.92	ng		93
37) 2-Methylnaphthalene	8.81	142	849363	40.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	335081	36.44	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	322622	60.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	257622	38.85	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	249188	36.12	ng		98
45) 1,1'-Biphenyl	9.28	154	1056508	42.04	ng		96
46) 2-Chloronaphthalene	9.30	162	842808	39.28	ng		95
47) 2-Nitroaniline	9.39	65	232147	36.68	ng		90
48) Acenaphthylene	9.71	152	1206000	35.34	ng		99
49) Dimethylphthalate	9.59	163	1004130	41.81	ng		100
50) 2,6-Dinitrotoluene	9.64	165	257082	46.74	ng		95
51) Acenaphthene	9.88	154	852680	40.05	ng		99
52) 3-Nitroaniline	9.80	138	157799	24.86	ng		94
53) 2,4-Dinitrophenol	9.92	184	264388	86.02	ng	#	81
54) Dibenzofuran	10.06	168	1028200	35.07	ng	#	90
55) 4-Nitrophenol	9.96	139	121389	24.64	ng		91
56) 2,4-Dinitrotoluene	10.04	165	293515	41.52	ng	#	73
57) Fluorene	10.40	166	798926	39.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	197846	36.50	ng	#	51
59) Diethylphthalate	10.28	149	975989	40.15	ng		96
60) 4-Chlorophenyl-phenylether	10.39	204	318689	32.68	ng		95
61) 4-Nitroaniline	10.42	138	223522	37.13	ng		98
62) Azobenzene	10.55	77	888366	36.95	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	174913	45.66	ng	#	60
65) n-Nitrosodiphenylamine	10.51	169	722385	35.39	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	228792	34.67	ng	#	87
67) Hexachlorobenzene	10.95	284	270425	39.44	ng	#	78
68) Atrazine	11.05	200	261977	42.39	ng		98
69) Pentachlorophenol	11.14	266	305554	84.54	ng		98
70) Phenanthrene	11.36	178	1235259	38.27	ng		99
71) Anthracene	11.40	178	1157656	35.56	ng		99
72) Carbazole	11.57	167	1222343	40.12	ng		99
73) Di-n-butylphthalate	11.90	149	1222281	31.69	ng		99
74) Fluoranthene	12.54	202	1193438	35.04	ng		97
76) Benzidine	12.66	184	302693	27.34	ng		98
77) Pyrene	12.77	202	1163158	39.20	ng		99
79) Butylbenzylphthalate	13.39	149	597672	45.56	ng		87
80) Benzo(a)anthracene	13.95	228	940500	41.28	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	220575	36.00	ng	#	96
82) Chrysene	14.00	228	1023531	47.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	604984	37.89	ng		100
84) Di-n-octyl phthalate	14.57	149	1338227	51.58	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	905283	45.46	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	1039762m	39.21	ng		
88) Benzo(k)fluoranthene	15.01	252	680462m	34.02	ng		
89) Benzo(a)pyrene	15.33	252	842543	39.27	ng	#	96
90) Dibenzo(a,h)anthracene	16.78	278	731924	36.73	ng		97
91) Benzo(g,h,i)perylene	17.17	276	777045	37.91	ng		99

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

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