Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094521.D
Acq On : 19 Apr 2017 17:45
Operator : SJ/MA
Sample : I2752-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-50-COMPMSD

Quant Time: Apr 20 04:24:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125073	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	506972	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	231660	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	428395	20.00	ng		0.00
75) Chrysene-d12	14.47	240	316377	20.00	ng		0.00
86) Perylene-d12	16.09	264	267362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	1066650	141.49	ng		0.03
7) Phenol-d6	5.41	99	1321970	148.74	ng		0.02
23) Nitrobenzene-d5	6.42	82	837718	102.03	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	277599	153.20	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1383359	87.86	ng		0.00
78) Terphenyl-d14	13.20	244	1342887	113.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	139546	31.83	ng		97
3) Pyridine	2.66	79	360409	37.61	ng		98
4) n-Nitrosodimethylamine	2.61	42	172515	43.51	ng		90
6) Aniline	5.41	93	323520	27.39	ng	#	79
8) 2-Chlorophenol	5.55	128	388849	45.33	ng		96
9) Benzaldehyde	5.27	77	72631	10.74	ng		98
10) Phenol	5.42	94	482002	44.15	ng		93
11) bis(2-Chloroethyl)ether	5.49	93	354805	44.48	ng		99
12) 1,3-Dichlorobenzene	5.71	146	405978	42.72	ng		100
13) 1,4-Dichlorobenzene	5.80	146	413053	43.20	ng		97
14) 1,2-Dichlorobenzene	5.97	146	379242	43.06	ng		94
15) Benzyl Alcohol	5.95	79	299411	45.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	467531	44.71	ng		72
17) 2-Methylphenol	6.10	107	310028	45.89	ng		93
18) Hexachloroethane	6.35	117	139016	42.41	ng	#	86
19) n-Nitroso-di-n-propylamine	6.27	70	270570	45.95	ng		97
20) 3+4-Methylphenols	6.28	107	430437	46.88	ng	#	61
22) Acetophenone	6.25	105	550812	44.68	ng	#	86
24) Nitrobenzene	6.45	77	389591	45.06	ng		95
25) Isophorone	6.74	82	704922	46.32	ng		94
26) 2-Nitrophenol	6.82	139	221560	47.70	ng		97
27) 2,4-Dimethylphenol	6.90	122	345109	45.74	ng		97
28) bis(2-Chloroethoxy)methane	7.00	93	452411	45.95	ng		100
29) 2,4-Dichlorophenol	7.12	162	335679	47.82	ng		98
30) 1,2,4-Trichlorobenzene	7.21	180	319920	44.09	ng		99
31) Naphthalene	7.30	128	1078061	44.23	ng		100
32) Benzoic acid	7.02	122	46211	11.58	ng		94
33) 4-Chloroaniline	7.37	127	98720	9.74	ng	#	92
34) Hexachlorobutadiene	7.45	225	160252	44.29	ng		99
35) Caprolactam	7.83	113	107935m	48.95	ng		
36) 4-Chloro-3-methylphenol	8.00	107	346747	47.14	ng		90
37) 2-Methylnaphthalene	8.14	142	750804	45.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	288062	43.67	ng		99
40) Hexachlorocyclopentadiene	8.33	237	238647	89.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	219473	47.38	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	226820	47.68	ng	#	93
45) 1,1'-Biphenyl	8.71	154	776483	41.02	ng		98
46) 2-Chloronaphthalene	8.72	162	644591	42.83	ng		95
47) 2-Nitroaniline	8.86	65	206283	47.65	ng		87
48) Acenaphthylene	9.23	152	1041534	44.39	ng		100
49) Dimethylphthalate	9.11	163	1135688	65.78	ng		99
50) 2,6-Dinitrotoluene	9.17	165	187646	48.42	ng		96
51) Acenaphthene	9.44	154	625648	44.52	ng		100
52) 3-Nitroaniline	9.37	138	89253	19.91	ng		92
53) 2,4-Dinitrophenol	9.51	184	81788	41.86	ng	#	71
54) Dibenzofuran	9.65	168	922958	45.19	ng		99
55) 4-Nitrophenol	9.64	139	281022	88.72	ng	#	76
56) 2,4-Dinitrotoluene	9.67	165	237573	49.96	ng	#	86
57) Fluorene	10.08	166	716408	45.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	169347	49.66	ng		96
59) Diethylphthalate	9.97	149	790852	48.55	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	315121	47.61	ng		92
61) 4-Nitroaniline	10.13	138	186012	40.81	ng		97
62) Azobenzene	10.28	77	747562	47.27	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	106995	38.12	ng	#	63
65) n-Nitrosodiphenylamine	10.24	169	675073	45.31	ng		97
66) 4-Bromophenyl-phenylether	10.68	248	192199	45.18	ng		97
67) Hexachlorobenzene	10.75	284	191336	44.63	ng	#	87
68) Atrazine	10.91	200	203049	45.56	ng		95
69) Pentachlorophenol	11.01	266	171483	100.74	ng		98
70) Phenanthrene	11.25	178	1070520	44.38	ng		99
71) Anthracene	11.32	178	1098022	44.00	ng		98
72) Carbazole	11.52	167	1075096	45.90	ng		98
73) Di-n-butylphthalate	11.97	149	1315933	51.03	ng		98
74) Fluoranthene	12.71	202	1153564	46.14	ng		99
76) Benzidine	12.88	184	377036	29.43	ng	#	93
77) Pyrene	12.99	202	1132841	51.25	ng		99
79) Butylbenzylphthalate	13.81	149	539356	55.68	ng	#	86
80) Benzo(a)anthracene	14.45	228	845564	45.98	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	186189	28.60	ng	#	97
82) Chrysene	14.50	228	763911	45.46	ng		100
83) Bis(2-ethylhexyl)phthalate	14.52	149	744361	57.23	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1113289	51.03	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	791517	49.50	ng		99
87) Benzo(b)fluoranthene	15.69	252	781942	47.81	ng		98
88) Benzo(k)fluoranthene	15.72	252	657875m	42.50	ng		
89) Benzo(a)pyrene	16.04	252	673742	44.28	ng		100
90) Dibenzo(a,h)anthracene	17.39	278	648771	51.35	ng		98
91) Benzo(g,h,i)perylene	17.74	276	689654	53.62	ng		98

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

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