Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087253.D
Acq On : 21 May 2016 5:44
Operator : UM/SJ
Sample : H3144-07MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-AB-AC(0-2)MS

Quant Time: May 21 06:46:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126143	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	526933	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	259970	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	470689	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	313000	20.00	ng		-0.07
86) Perylene-d12	15.04	264	255928	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	851163	113.42	ng		-0.06
7) Phenol-d6	6.23	99	1137218	112.98	ng		-0.06
23) Nitrobenzene-d5	7.14	82	856682	81.03	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	311492	108.43	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1305380	83.16	ng		-0.06
78) Terphenyl-d14	12.65	244	1209247	87.39	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	107204	27.77	ng	#	64
4) n-Nitrosodimethylamine	2.62	42	237592	35.90	ng	#	52
6) Aniline	6.24	93	29335	2.29	ng	#	1
8) 2-Chlorophenol	6.34	128	359013	39.32	ng	#	81
9) Benzaldehyde	6.11	77	111925	17.58	ng		95
10) Phenol	6.24	94	447631	35.38	ng		71
11) bis(2-Chloroethyl)ether	6.31	93	373161	39.28	ng		92
12) 1,3-Dichlorobenzene	6.49	146	361807m	37.28	ng		
13) 1,4-Dichlorobenzene	6.57	146	375666m	37.83	ng		
14) 1,2-Dichlorobenzene	6.73	146	333106	38.31	ng		97
15) Benzyl Alcohol	6.73	79	324114	43.25	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	713889	36.55	ng		68
17) 2-Methylphenol	6.86	107	295202	39.37	ng	#	78
18) Hexachloroethane	7.06	117	148794	39.19	ng		94
19) n-Nitroso-di-n-propylamine	6.99	70	307721	40.22	ng	#	72
20) 3+4-Methylphenols	7.00	107	423430	42.81	ng	#	63
22) Acetophenone	6.98	105	525773	40.77	ng	#	97
24) Nitrobenzene	7.15	77	430367	37.28	ng		94
25) Isophorone	7.39	82	762754	39.41	ng		98
26) 2-Nitrophenol	7.47	139	196524	41.09	ng	#	79
27) 2,4-Dimethylphenol	7.53	122	327893	40.18	ng		87
28) bis(2-Chloroethoxy)methane	7.61	93	433076	40.76	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	319942	44.49	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	330802	41.45	ng		98
31) Naphthalene	7.86	128	1021642	39.68	ng		99
32) Benzoic acid	7.66	122	14349	2.95	ng	#	86
33) 4-Chloroaniline	7.95	127	27468	2.57	ng	#	94
34) Hexachlorobutadiene	7.99	225	191728	42.34	ng		99
35) Caprolactam	8.39	113	18667m	7.80	ng		
36) 4-Chloro-3-methylphenol	8.43	107	341708	39.39	ng		99
37) 2-Methylnaphthalene	8.56	142	712817	43.28	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	306874	40.41	ng		99
40) Hexachlorocyclopentadiene	8.71	237	212936	73.35	ng		97
42) 2,4,6-Trichlorophenol	8.84	196	188391	38.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	192054	37.54	ng		94
45) 1,1'-Biphenyl	9.03	154	884580	41.04	ng		99
46) 2-Chloronaphthalene	9.04	162	652300	39.42	ng	#	91
47) 2-Nitroaniline	9.15	65	244575	38.57	ng	#	66
48) Acenaphthylene	9.45	152	947394	37.49	ng		98
49) Dimethylphthalate	9.34	163	881743	44.46	ng		99
50) 2,6-Dinitrotoluene	9.40	165	192731	44.76	ng		94
51) Acenaphthene	9.62	154	582439	36.89	ng		98
52) 3-Nitroaniline	9.58	138	37206	7.98	ng	#	86
53) 2,4-Dinitrophenol	9.69	184	108116	45.96	ng		87
54) Dibenzofuran	9.79	168	846354	41.46	ng	#	89
55) 4-Nitrophenol	9.77	139	136301m	52.21	ng		
56) 2,4-Dinitrotoluene	9.80	165	211441	38.34	ng	#	67
57) Fluorene	10.14	166	621366	37.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	174996	43.92	ng		96
59) Diethylphthalate	10.03	149	807216	42.64	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	342475	44.05	ng		88
61) 4-Nitroaniline	10.19	138	95966	20.85	ng		84
62) Azobenzene	10.30	77	935037	42.86	ng		88
64) 4,6-Dinitro-2-methylphenol	10.22	198	112107	36.16	ng	#	45
65) n-Nitrosodiphenylamine	10.26	169	443819	29.96	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	192118	39.69	ng		90
67) Hexachlorobenzene	10.68	284	214607	38.24	ng	#	82
68) Atrazine	10.79	200	48345	10.01	ng		95
69) Pentachlorophenol	10.89	266	147881	70.15	ng		97
70) Phenanthrene	11.10	178	1057863	41.44	ng		100
71) Anthracene	11.14	178	976775	37.83	ng		99
72) Carbazole	11.31	167	991854	42.05	ng		100
73) Di-n-butylphthalate	11.64	149	1226587	45.27	ng		99
74) Fluoranthene	12.27	202	1019159	39.85	ng		95
76) Benzidine	12.42	184	17103	2.41	ng		98
77) Pyrene	12.50	202	1063528	47.03	ng		99
79) Butylbenzylphthalate	13.13	149	494521	51.81	ng		90
80) Benzo(a)anthracene	13.68	228	741086	40.95	ng		99
82) Chrysene	13.73	228	779989	44.55	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	592838	51.03	ng	#	99
84) Di-n-octyl phthalate	14.30	149	965361	48.24	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.27	276	622392	40.50	ng		96
87) Benzo(b)fluoranthene	14.69	252	647074m	38.11	ng		
88) Benzo(k)fluoranthene	14.71	252	597430m	47.26	ng		
89) Benzo(a)pyrene	14.99	252	581994	41.01	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	524982	43.94	ng		96
91) Benzo(g,h,i)perylene	16.63	276	527594	43.72	ng		96

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

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