Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087254.D
Acq On : 21 May 2016 6:13
Operator : UM/SJ
Sample : H3144-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 21 06:48:25 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	129210	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	550921	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	252522	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	481078	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	301914	20.00	ng		-0.07
86) Perylene-d12	15.04	264	257289	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1110091	144.41	ng		-0.05
7) Phenol-d6	6.24	99	1477485	143.30	ng		-0.05
23) Nitrobenzene-d5	7.14	82	1015440	91.86	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	369562	132.44	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1416549	92.90	ng		-0.06
78) Terphenyl-d14	12.65	244	1389527	104.11	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	137209	34.70	ng	#	70
3) Pyridine	2.74	79	64857	6.78	ng	#	62
4) n-Nitrosodimethylamine	2.62	42	289593	42.72	ng	#	47
6) Aniline	6.23	93	292407	22.33	ng	#	75
8) 2-Chlorophenol	6.35	128	398821	42.64	ng		97
9) Benzaldehyde	6.11	77	127028	19.80	ng		95
10) Phenol	6.25	94	532277	41.07	ng		92
11) bis(2-Chloroethyl)ether	6.31	93	431247	44.31	ng		89
12) 1,3-Dichlorobenzene	6.49	146	409116m	41.15	ng		
13) 1,4-Dichlorobenzene	6.57	146	421480m	41.43	ng		
14) 1,2-Dichlorobenzene	6.73	146	373857	41.98	ng		96
15) Benzyl Alcohol	6.73	79	391273	50.98	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.86	45	812883	40.63	ng		59
17) 2-Methylphenol	6.86	107	349787	45.54	ng	#	79
18) Hexachloroethane	7.06	117	167474	43.06	ng		96
19) n-Nitroso-di-n-propylamine	6.99	70	314513	40.13	ng	#	67
20) 3+4-Methylphenols	7.02	107	478462	47.22	ng	#	59
22) Acetophenone	6.98	105	603796	44.78	ng	#	96
24) Nitrobenzene	7.15	77	455210	37.71	ng		94
25) Isophorone	7.39	82	887959	43.88	ng		97
26) 2-Nitrophenol	7.47	139	227262	45.45	ng	#	75
27) 2,4-Dimethylphenol	7.53	122	369803	43.34	ng		87
28) bis(2-Chloroethoxy)methane	7.61	93	506121	45.56	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	374647	49.83	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	375292	44.98	ng		98
31) Naphthalene	7.86	128	1182853	43.94	ng		99
32) Benzoic acid	7.70	122	149427	29.38	ng	#	80
33) 4-Chloroaniline	7.94	127	162593	14.53	ng		96
34) Hexachlorobutadiene	7.99	225	214307	45.26	ng		98
35) Caprolactam	8.32	113	106573m	42.57	ng		
36) 4-Chloro-3-methylphenol	8.44	107	388072	42.79	ng		90
37) 2-Methylnaphthalene	8.56	142	782817	45.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	347521	47.12	ng		99
40) Hexachlorocyclopentadiene	8.71	237	256805	89.17	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	217906	45.56	ng		92
43) 2,4,5-Trichlorophenol	8.90	196	231103	46.51	ng	#	89
45) 1,1'-Biphenyl	9.03	154	1034878	49.42	ng		100
46) 2-Chloronaphthalene	9.05	162	756955	47.09	ng		99
47) 2-Nitroaniline	9.16	65	296335	48.11	ng		98
48) Acenaphthylene	9.45	152	1093673	44.56	ng		99
49) Dimethylphthalate	9.34	163	989967	51.39	ng		99
50) 2,6-Dinitrotoluene	9.40	165	196274	46.92	ng	#	85
51) Acenaphthene	9.62	154	634975	41.41	ng		98
52) 3-Nitroaniline	9.58	138	132038	29.16	ng		92
53) 2,4-Dinitrophenol	9.69	184	165050	69.53	ng	#	70
54) Dibenzofuran	9.80	168	978418	49.34	ng		100
55) 4-Nitrophenol	9.77	139	149865m	56.39	ng		
56) 2,4-Dinitrotoluene	9.82	165	268185	50.06	ng	#	72
57) Fluorene	10.14	166	693393	43.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	194724	50.32	ng		97
59) Diethylphthalate	10.03	149	802575	43.64	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	379095	50.20	ng		90
61) 4-Nitroaniline	10.19	138	179720	40.20	ng	#	70
62) Azobenzene	10.30	77	1107132	52.25	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	132780	41.91	ng		90
65) n-Nitrosodiphenylamine	10.26	169	662767	43.78	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	215315	43.52	ng	#	89
67) Hexachlorobenzene	10.68	284	236336	41.20	ng	#	77
68) Atrazine	10.80	200	241171	48.83	ng		94
69) Pentachlorophenol	10.89	266	178771	82.97	ng		96
70) Phenanthrene	11.10	178	1179335	45.20	ng		99
71) Anthracene	11.14	178	1078032	40.85	ng		99
72) Carbazole	11.31	167	1093218	45.35	ng		99
73) Di-n-butylphthalate	11.65	149	1347539	48.66	ng		99
74) Fluoranthene	12.27	202	1097150	41.97	ng		96
76) Benzidine	12.42	184	34438	3.97	ng		98
77) Pyrene	12.50	202	1166875	53.50	ng		100
79) Butylbenzylphthalate	13.13	149	536242	58.24	ng		93
80) Benzo(a)anthracene	13.68	228	789772	45.24	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	168561	15.17	ng	#	95
82) Chrysene	13.73	228	868905	51.45	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	663783	59.23	ng	#	99
84) Di-n-octyl phthalate	14.30	149	1078623	55.87	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.27	276	702457	47.38	ng		95
87) Benzo(b)fluoranthene	14.69	252	712913m	41.77	ng		
88) Benzo(k)fluoranthene	14.71	252	640986m	50.44	ng		
89) Benzo(a)pyrene	14.99	252	649201	45.50	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	590012	49.12	ng		96
91) Benzo(g,h,i)perylene	16.63	276	607230	50.05	ng		95

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

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