Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100754.D
Acq On : 21 Nov 2017 2:08
Operator : SJ/JU
Sample : I6535-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4252-RT-3025-RT-2342MS

Quant Time: Nov 21 03:34:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	94860	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	361449	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	152898	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	236381	20.00	ng		0.00
75) Chrysene-d12	14.04	240	187360	20.00	ng		0.00
86) Perylene-d12	15.51	264	163670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	715414	120.89	ng		0.01
7) Phenol-d6	6.51	99	875920	120.03	ng		0.00
23) Nitrobenzene-d5	7.44	82	538161	98.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	185616	119.13	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1025666	102.15	ng		0.00
78) Terphenyl-d14	12.98	244	716446	87.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	84397	29.265	ng		96
3) Pyridine	3.49	79	237483	30.184	ng		92
4) n-Nitrosodimethylamine	3.44	42	120116	31.444	ng		97
6) Aniline	6.55	93	257529	24.980	ng		96
8) 2-Chlorophenol	6.66	128	245435	39.205	ng		98
9) Benzaldehyde	6.43	77	75531	14.494	ng		92
10) Phenol	6.52	94	318744	41.608	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	226246	35.161	ng		98
12) 1,3-Dichlorobenzene	6.82	146	278486	38.584	ng		97
13) 1,4-Dichlorobenzene	6.89	146	280255	38.364	ng		97
14) 1,2-Dichlorobenzene	7.05	146	261809	38.762	ng		98
15) Benzyl Alcohol	7.02	79	208092	36.538	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	387394	37.642	ng		99
17) 2-Methylphenol	7.13	107	210769	39.397	ng		98
18) Hexachloroethane	7.39	117	81577	33.869	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	165021	32.608	ng		97
20) 3+4-Methylphenols	7.28	107	250266	36.967	ng	#	75
22) Acetophenone	7.29	105	327849	37.197	ng	#	98
24) Nitrobenzene	7.46	77	244578	43.465	ng		98
25) Isophorone	7.70	82	443303	38.586	ng		98
26) 2-Nitrophenol	7.77	139	121208	46.173	ng		88
27) 2,4-Dimethylphenol	7.80	122	221617	43.031	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	282361	37.573	ng		99
29) 2,4-Dichlorophenol	8.02	162	208424	42.392	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	220110	41.388	ng		96
31) Naphthalene	8.18	128	689848	39.625	ng		100
32) Benzoic acid	7.91	122	68632	23.376	ng		98
33) 4-Chloroaniline	8.22	127	119436	16.482	ng		98
34) Hexachlorobutadiene	8.29	225	128315	40.579	ng		97
35) Caprolactam	8.60	113	60252	35.710	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	207193	39.238	ng		95
37) 2-Methylnaphthalene	8.87	142	459211	39.731	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	213175	42.039	ng	#	95
40) Hexachlorocyclopentadiene	9.02	237	42139	17.657	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145365	45.231 ng		100
43) 2,4,5-Trichlorophenol	9.19	196	149081	44.772 ng	#	89
45) 1,1'-Biphenyl	9.33	154	539783	40.818 ng		99
46) 2-Chloronaphthalene	9.36	162	416923	43.458 ng		95
47) 2-Nitroaniline	9.46	65	124895	44.287 ng		97
48) Acenaphthylene	9.77	152	618575	38.907 ng		99
49) Dimethylphthalate	9.63	163	564274	48.336 ng	#	99
50) 2,6-Dinitrotoluene	9.70	165	102789	44.482 ng		88
51) Acenaphthene	9.95	154	361815	37.419 ng		100
52) 3-Nitroaniline	9.86	138	89635	32.849 ng		95
53) 2,4-Dinitrophenol	9.97	184	6827	16.641 ng	#	14
54) Dibenzofuran	10.12	168	531770	39.239 ng		99
55) 4-Nitrophenol	10.02	139	147464	66.555 ng		93
56) 2,4-Dinitrotoluene	10.10	165	126423	43.367 ng	#	92
57) Fluorene	10.46	166	399621	40.252 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	108101	39.612 ng	#	84
59) Diethylphthalate	10.33	149	459443	39.328 ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	201809	41.437 ng		92
61) 4-Nitroaniline	10.48	138	94773	36.629 ng		84
62) Azobenzene	10.61	77	381998	34.718 ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7258	13.565 ng		91
65) n-Nitrosodiphenylamine	10.57	169	378246	46.020 ng		95
66) 4-Bromophenyl-phenylether	10.94	248	120504	47.555 ng	#	88
67) Hexachlorobenzene	11.01	284	118258	44.622 ng	#	82
68) Atrazine	11.09	200	111528	44.827 ng		99
69) Pentachlorophenol	11.20	266	116652	61.384 ng		99
70) Phenanthrene	11.42	178	510761	41.039 ng		98
71) Anthracene	11.47	178	513796	40.691 ng		99
72) Carbazole	11.63	167	444323	38.136 ng		99
73) Di-n-butylphthalate	11.95	149	608784	44.651 ng		98
74) Fluoranthene	12.61	202	484586	36.738 ng		98
76) Benzidine	12.73	184	315586	42.059 ng		98
77) Pyrene	12.84	202	492217	36.854 ng		100
79) Butylbenzylphthalate	13.45	149	207831	38.157 ng		96
80) Benzo(a)anthracene	14.03	228	473584	41.974 ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	166599	41.212 ng		99
82) Chrysene	14.06	228	444996	40.729 ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	305807	42.689 ng		99
84) Di-n-octyl phthalate	14.62	149	539957	43.875 ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	311143	35.208 ng		94
87) Benzo(b)fluoranthene	15.08	252	408486	42.127 ng		99
88) Benzo(k)fluoranthene	15.11	252	398763	43.524 ng		97
89) Benzo(a)pyrene	15.45	252	362735	42.196 ng		98
90) Dibenzo(a,h)anthracene	17.01	278	264172	37.577 ng		96
91) Benzo(g,h,i)perylene	17.44	276	251923	36.607 ng	#	93

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

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