Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078824.D
Acq On : 29 Apr 2015 20:23
Operator : TP/IZ
Sample : G2003-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(48-50)MSD

Quant Time: Apr 30 01:54:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	67086	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	292436	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	137270	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	264305	20.00	ng		0.00
75) Chrysene-d12	16.29	240	276445	20.00	ng		-0.01
86) Perylene-d12	18.01	264	282287	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	517428	141.66	ng		0.00
7) Phenol-d6	6.92	99	660784	135.46	ng		0.00
23) Nitrobenzene-d5	8.07	82	355157	87.44	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	185880	135.95	ng		-0.01
44) 2-Fluorobiphenyl	10.31	172	787701	78.58	ng		0.00
78) Terphenyl-d14	14.98	244	882975	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	63287	37.77	ng	#	14
3) Pyridine	3.14	79	163670	33.07	ng		94
4) n-Nitrosodimethylamine	3.05	42	87533m	39.37	ng		
6) Aniline	6.97	93	115434	16.20	ng		99
8) 2-Chlorophenol	7.11	128	183653	43.74	ng		93
9) Benzaldehyde	6.83	77	15936	4.53	ng		99
10) Phenol	6.95	94	260789	45.23	ng		90
11) bis(2-Chloroethyl)ether	7.07	93	178875	41.95	ng		88
12) 1,3-Dichlorobenzene	7.30	146	194486	39.90	ng		98
13) 1,4-Dichlorobenzene	7.40	146	202211	40.52	ng		97
14) 1,2-Dichlorobenzene	7.59	146	200385	42.97	ng		97
15) Benzyl Alcohol	7.55	79	154349	42.46	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	279228	41.89	ng		99
17) 2-Methylphenol	7.69	107	150139	44.18	ng		95
18) Hexachloroethane	8.01	117	68206	41.37	ng		94
19) n-Nitroso-di-n-propylamine	7.90	70	145151	42.64	ng	#	87
20) 3+4-Methylphenols	7.88	107	198041	44.73	ng		93
22) Acetophenone	7.88	105	272417	42.05	ng	#	92
24) Nitrobenzene	8.09	77	187728	43.16	ng		96
25) Isophorone	8.40	82	357774	38.96	ng	#	91
26) 2-Nitrophenol	8.49	139	71107	55.48	ng		92
27) 2,4-Dimethylphenol	8.55	122	155320	38.13	ng		95
28) bis(2-Chloroethoxy)methane	8.67	93	238869	42.13	ng		99
29) 2,4-Dichlorophenol	8.78	162	149897	43.05	ng		94
30) 1,2,4-Trichlorobenzene	8.89	180	157791	39.46	ng		97
31) Naphthalene	8.98	128	530976	38.26	ng		100
32) Benzoic acid	8.59	122	19807	16.02	ng		94
33) 4-Chloroaniline	9.05	127	89561	15.33	ng		96
34) Hexachlorobutadiene	9.14	225	87062	38.59	ng		98
35) Caprolactam	9.47	113	45560	41.10	ng		98
36) 4-Chloro-3-methylphenol	9.66	107	162812	44.54	ng		90
37) 2-Methylnaphthalene	9.85	142	382421	40.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	149204	38.36	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	150302	91.93	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	106700	45.02	ng		95
43) 2,4,5-Trichlorophenol	10.24	196	105797	41.94	ng	#	90
45) 1,1'-Biphenyl	10.43	154	445491	40.44	ng		95
46) 2-Chloronaphthalene	10.44	162	333012	38.68	ng		97
47) 2-Nitroaniline	10.57	65	91391	48.60	ng		87
48) Acenaphthylene	10.96	152	551194	39.13	ng		99
49) Dimethylphthalate	10.81	163	429659	44.03	ng		99
50) 2,6-Dinitrotoluene	10.88	165	72101	45.35	ng	#	78
51) Acenaphthene	11.18	154	329706	39.85	ng		100
52) 3-Nitroaniline	11.08	138	63222	30.65	ng		88
53) 2,4-Dinitrophenol	11.21	184	16234	66.37	ng	#	73
54) Dibenzofuran	11.39	168	495906	40.86	ng		97
55) 4-Nitrophenol	11.28	139	143268	86.02	ng	#	69
56) 2,4-Dinitrotoluene	11.38	165	103873	52.66	ng	#	69
57) Fluorene	11.82	166	394026	40.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	87949	46.56	ng	#	100
59) Diethylphthalate	11.69	149	400827	41.28	ng		96
60) 4-Chlorophenyl-phenylether	11.83	204	177373	41.09	ng		95
61) 4-Nitroaniline	11.84	138	88644	42.53	ng		97
62) Azobenzene	12.02	77	471303	47.60	ng		96
64) 4,6-Dinitro-2-methylphenol	11.87	198	24017	53.17	ng	#	69
65) n-Nitrosodiphenylamine	11.98	169	348434	40.78	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	108511	40.67	ng		92
67) Hexachlorobenzene	12.49	284	121059	40.06	ng	#	90
68) Atrazine	12.64	200	103785	45.35	ng		98
69) Pentachlorophenol	12.74	266	130416	82.05	ng		98
70) Phenanthrene	13.02	178	580888	40.59	ng		99
71) Anthracene	13.07	178	573244	40.97	ng		100
72) Carbazole	13.28	167	587692	44.48	ng		99
73) Di-n-butylphthalate	13.74	149	634447	41.45	ng	#	97
74) Fluoranthene	14.49	202	613391	42.98	ng		99
76) Benzidine	14.67	184	151195	16.90	ng		98
77) Pyrene	14.78	202	653696	40.47	ng		100
79) Butylbenzylphthalate	15.60	149	274352	44.29	ng		92
80) Benzo(a)anthracene	16.26	228	600929	40.52	ng		99
81) 3,3'-Dichlorobenzidine	16.24	252	133666	26.48	ng	#	95
82) Chrysene	16.31	228	587513	40.64	ng		100
83) Bis(2-ethylhexyl)phthalate	16.32	149	422111	42.46	ng		98
84) Di-n-octyl phthalate	17.11	149	680383	43.01	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.52	276	710853	43.34	ng	#	100
87) Benzo(b)fluoranthene	17.55	252	668900	43.78	ng		99
88) Benzo(k)fluoranthene	17.59	252	558429m	37.71	ng		
89) Benzo(a)pyrene	17.94	252	578936	42.35	ng		98
90) Dibenzo(a,h)anthracene	19.55	278	568736	40.17	ng		99
91) Benzo(g,h,i)perylene	19.98	276	583340	41.04	ng		99

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

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