Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078823.D
Acq On : 29 Apr 2015 19:55
Operator : TP/IZ
Sample : G2003-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 30 01:53:28 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	66203	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	274338	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	128606	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	249476	20.00	ng		0.00
75) Chrysene-d12	16.29	240	263979	20.00	ng		-0.01
86) Perylene-d12	18.05	264	262892	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	458818	127.29	ng		0.00
7) Phenol-d6	6.92	99	590336	122.63	ng		0.00
23) Nitrobenzene-d5	8.07	82	308646	81.00	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	157672	123.59	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	678176	72.21	ng		0.00
78) Terphenyl-d14	14.98	244	736387	66.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	56256	34.02	ng	#	17
3) Pyridine	3.14	79	160431	32.85	ng		94
4) n-Nitrosodimethylamine	3.05	42	78253m	35.66	ng		
6) Aniline	6.97	93	86553	12.31	ng		99
8) 2-Chlorophenol	7.11	128	163098	39.37	ng		94
9) Benzaldehyde	6.83	77	14123	4.07	ng		98
10) Phenol	6.94	94	220980	38.84	ng		89
11) bis(2-Chloroethyl)ether	7.07	93	159749	37.96	ng		87
12) 1,3-Dichlorobenzene	7.31	146	174694	36.31	ng	#	90
13) 1,4-Dichlorobenzene	7.40	146	178515	36.24	ng		97
14) 1,2-Dichlorobenzene	7.59	146	172978	37.59	ng		99
15) Benzyl Alcohol	7.55	79	139225	38.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	251200	38.18	ng		99
17) 2-Methylphenol	7.69	107	132996	39.66	ng		96
18) Hexachloroethane	8.01	117	61505	37.81	ng		92
19) n-Nitroso-di-n-propylamine	7.90	70	126244	37.58	ng	#	86
20) 3+4-Methylphenols	7.88	107	182520	41.77	ng		92
22) Acetophenone	7.88	105	242375	39.88	ng	#	92
24) Nitrobenzene	8.09	77	163929	40.17	ng		97
25) Isophorone	8.40	82	316011	36.68	ng	#	90
26) 2-Nitrophenol	8.49	139	57624	48.82	ng	#	89
27) 2,4-Dimethylphenol	8.55	122	142153	37.20	ng		94
28) bis(2-Chloroethoxy)methane	8.67	93	207230	38.96	ng		99
29) 2,4-Dichlorophenol	8.78	162	130897	40.08	ng		95
30) 1,2,4-Trichlorobenzene	8.89	180	141172	37.64	ng		96
31) Naphthalene	8.98	128	474662	36.45	ng		99
32) Benzoic acid	8.59	122	12236	10.55	ng	#	87
33) 4-Chloroaniline	9.05	127	69223	12.63	ng		94
34) Hexachlorobutadiene	9.14	225	74766	35.33	ng		98
35) Caprolactam	9.47	113	40759	39.19	ng	#	84
36) 4-Chloro-3-methylphenol	9.66	107	140311	40.91	ng		85
37) 2-Methylnaphthalene	9.85	142	336621	38.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	132462	36.35	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	127044	82.94	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	89647	40.38	ng		96
43) 2,4,5-Trichlorophenol	10.24	196	90464	38.28	ng	#	87
45) 1,1'-Biphenyl	10.43	154	388325	37.62	ng		96
46) 2-Chloronaphthalene	10.44	162	295129	36.59	ng		97
47) 2-Nitroaniline	10.57	65	78669	44.65	ng		87
48) Acenaphthylene	10.96	152	479827	36.35	ng		100
49) Dimethylphthalate	10.81	163	385075	42.12	ng		99
50) 2,6-Dinitrotoluene	10.88	165	62209	41.77	ng	#	83
51) Acenaphthene	11.18	154	286882	37.01	ng		99
52) 3-Nitroaniline	11.08	138	49640	25.69	ng		88
53) 2,4-Dinitrophenol	11.21	184	12973	57.27	ng	#	72
54) Dibenzofuran	11.39	168	434218	38.18	ng		98
55) 4-Nitrophenol	11.28	139	121284	78.36	ng	#	72
56) 2,4-Dinitrotoluene	11.38	165	84440	47.36	ng	#	68
57) Fluorene	11.82	166	345554	38.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	76847	43.42	ng	#	100
59) Diethylphthalate	11.69	149	349795	38.45	ng		96
60) 4-Chlorophenyl-phenylether	11.83	204	151909	37.56	ng		93
61) 4-Nitroaniline	11.84	138	75672	39.39	ng		97
62) Azobenzene	12.02	77	408173	44.00	ng		97
64) 4,6-Dinitro-2-methylphenol	11.87	198	19102	46.97	ng	#	73
65) n-Nitrosodiphenylamine	11.98	169	302558	37.51	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	91624	36.38	ng	#	88
67) Hexachlorobenzene	12.49	284	104624	36.68	ng	#	89
68) Atrazine	12.64	200	90391	41.84	ng		98
69) Pentachlorophenol	12.74	266	108519	75.20	ng		96
70) Phenanthrene	13.02	178	512384	37.93	ng		100
71) Anthracene	13.07	178	499458	37.82	ng		100
72) Carbazole	13.28	167	504162	40.43	ng		99
73) Di-n-butylphthalate	13.74	149	545026	37.73	ng	#	97
74) Fluoranthene	14.49	202	535822	39.78	ng		98
76) Benzidine	14.67	184	163065	19.08	ng		99
77) Pyrene	14.78	202	565758	36.68	ng		99
79) Butylbenzylphthalate	15.60	149	227598	38.48	ng		96
80) Benzo(a)anthracene	16.27	228	523273	36.95	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	114252	23.70	ng	#	98
82) Chrysene	16.32	228	513076	37.16	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	352685	37.15	ng		98
84) Di-n-octyl phthalate	17.13	149	561725	38.13	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	605563	38.66	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	614782	43.20	ng		98
88) Benzo(k)fluoranthene	17.62	252	440194m	31.92	ng		
89) Benzo(a)pyrene	17.98	252	489666	38.46	ng	#	96
90) Dibenzo(a,h)anthracene	19.60	278	477858	36.24	ng		98
91) Benzo(g,h,i)perylene	20.02	276	498136	37.64	ng		99

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

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