Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077399.D
Acq On : 23 Feb 2015 12:19
Operator : TP/IZ
Sample : G1332-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-1MS

Quant Time: Feb 24 00:21:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81359	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	317213	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	170257	20.00	ng		-0.01
63) Phenanthrene-d10	12.93	188	339567	20.00	ng		0.00
75) Chrysene-d12	16.23	240	360022	20.00	ng		-0.03
86) Perylene-d12	17.99	264	350418	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	474075	97.28	ng		0.00
7) Phenol-d6	6.88	99	597341	95.33	ng		-0.01
23) Nitrobenzene-d5	8.02	82	346122	67.85	ng		-0.01
41) 2,4,6-Tribromophenol	12.07	330	174248	106.29	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	795818	72.88	ng		0.00
78) Terphenyl-d14	14.92	244	1028158	66.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	55655	26.91	ng		98
3) Pyridine	3.06	79	132192	22.34	ng		95
4) n-Nitrosodimethylamine	2.97	42	73748	28.67	ng		99
6) Aniline	6.91	93	88635	10.23	ng		94
8) 2-Chlorophenol	7.06	128	179068	31.15	ng		93
10) Phenol	6.90	94	222507	29.93	ng		94
11) bis(2-Chloroethyl)ether	7.01	93	158892	29.74	ng		89
12) 1,3-Dichlorobenzene	7.25	146	188308	30.08	ng		95
13) 1,4-Dichlorobenzene	7.36	146	188147	29.54	ng		98
14) 1,2-Dichlorobenzene	7.54	146	181316	29.93	ng		96
15) Benzyl Alcohol	7.50	79	139852	29.36	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	229538	30.06	ng		97
17) 2-Methylphenol	7.64	107	136480	30.37	ng		95
18) Hexachloroethane	7.95	117	63535	29.87	ng	#	78
19) n-Nitroso-di-n-propylamine	7.84	70	116833	29.36	ng		91
20) 3+4-Methylphenols	7.84	107	177969	30.07	ng	#	69
22) Acetophenone	7.84	105	239861	32.15	ng	#	94
24) Nitrobenzene	8.04	77	179434	33.43	ng	#	86
25) Isophorone	8.34	82	315139	31.14	ng		94
26) 2-Nitrophenol	8.44	139	68361	31.08	ng	#	87
27) 2,4-Dimethylphenol	8.50	122	151148	30.71	ng		98
28) bis(2-Chloroethoxy)methane	8.62	93	198968	31.12	ng		99
29) 2,4-Dichlorophenol	8.73	162	149726	32.41	ng		91
30) 1,2,4-Trichlorobenzene	8.84	180	163051	32.10	ng		98
31) Naphthalene	8.93	128	523918	33.03	ng		100
33) 4-Chloroaniline	9.00	127	73787	10.46	ng	#	91
34) Hexachlorobutadiene	9.09	225	91740	31.64	ng		99
35) Caprolactam	9.41	113	45139	32.01	ng		97
36) 4-Chloro-3-methylphenol	9.61	107	155474	33.48	ng		93
37) 2-Methylnaphthalene	9.79	142	349596	31.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	161180	32.99	ng		98
40) Hexachlorocyclopentadiene	9.98	237	152509	58.22	ng		97
42) 2,4,6-Trichlorophenol	10.14	196	110915	34.28	ng		98
43) 2,4,5-Trichlorophenol	10.18	196	115751	33.46	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	10.37	154	420728	32.62	ng		98
46) 2-Chloronaphthalene	10.40	162	351305	34.73	ng		97
47) 2-Nitroaniline	10.52	65	92989	37.34	ng	#	82
48) Acenaphthylene	10.91	152	569349	35.55	ng		99
49) Dimethylphthalate	10.76	163	464672	38.83	ng		98
50) 2,6-Dinitrotoluene	10.83	165	84628	35.26	ng	#	67
51) Acenaphthene	11.13	154	323935	33.90	ng		99
52) 3-Nitroaniline	11.04	138	54994	19.87	ng	#	77
53) 2,4-Dinitrophenol	11.16	184	23326	31.94	ng	#	73
54) Dibenzofuran	11.34	168	502264	34.04	ng		95
55) 4-Nitrophenol	11.24	139	142373	63.97	ng		96
56) 2,4-Dinitrotoluene	11.32	165	113609	35.03	ng	#	73
57) Fluorene	11.77	166	420226	35.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	93842	33.74	ng		99
59) Diethylphthalate	11.64	149	420902	35.67	ng		97
60) 4-Chlorophenyl-phenylether	11.78	204	190169	33.46	ng		93
61) 4-Nitroaniline	11.79	138	87549	33.01	ng		84
62) Azobenzene	11.97	77	404893	36.17	ng		90
64) 4,6-Dinitro-2-methylphenol	11.82	198	34978	27.53	ng		69
65) n-Nitrosodiphenylamine	11.92	169	354615	31.47	ng		99
66) 4-Bromophenyl-phenylether	12.39	248	125699	31.61	ng	#	89
67) Hexachlorobenzene	12.44	284	136925	32.08	ng	#	84
68) Atrazine	12.59	200	121098	33.06	ng		97
69) Pentachlorophenol	12.68	266	121232	54.05	ng		98
70) Phenanthrene	12.96	178	625249	31.77	ng		99
71) Anthracene	13.03	178	639290	32.73	ng		99
72) Carbazole	13.22	167	588534	31.69	ng		98
73) Di-n-butylphthalate	13.68	149	725124	33.25	ng		99
74) Fluoranthene	14.44	202	747800	34.78	ng		96
76) Benzidine	14.61	184	212111	17.44	ng		98
77) Pyrene	14.72	202	743336	33.75	ng		99
79) Butylbenzylphthalate	15.55	149	313091	34.56	ng		88
80) Benzo(a)anthracene	16.21	228	705427	33.43	ng		100
81) 3,3'-Dichlorobenzidine	16.19	252	158201	20.46	ng		97
82) Chrysene	16.26	228	656571	33.14	ng		99
83) Bis(2-ethylhexyl)phthalate	16.27	149	504578	34.73	ng	#	96
84) Di-n-octyl phthalate	17.08	149	838655	34.57	ng		98
85) Indeno(1,2,3-cd)pyrene	19.49	276	761956m	33.73	ng		
87) Benzo(b)fluoranthene	17.54	252	702422	34.47	ng		99
88) Benzo(k)fluoranthene	17.57	252	644050m	32.25	ng		
89) Benzo(a)pyrene	17.93	252	650300	33.51	ng		97
90) Dibenzo(a,h)anthracene	19.52	278	616003	33.28	ng		99
91) Benzo(g,h,i)perylene	19.94	276	636190	34.06	ng	#	94

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

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