Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077488.D
Acq On : 27 Feb 2015 4:04
Operator : TP/IZ
Sample : G1385-10MS
Misc : S
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-11-D910MS

Manual Integrations APPROVED
apatel
2/27/2015 4:22:02 PM

Quant Time: Feb 27 07:35:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 07:02:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	71938	20.00	ng		0.00
21) Naphthalene-d8	8.85	136	295263	20.00	ng		0.00
38) Acenaphthene-d10	11.02	164	153188	20.00	ng		0.00
63) Phenanthrene-d10	12.87	188	330273	20.00	ng		0.00
75) Chrysene-d12	16.16	240	340248	20.00	ng		0.02
86) Perylene-d12	17.92	264	337544	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	393778	91.38	ng		0.01
7) Phenol-d6	6.83	99	493996	89.16	ng		0.01
23) Nitrobenzene-d5	7.96	82	294176	61.96	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	150795	102.23	ng		0.00
44) 2-Fluorobiphenyl	10.19	172	613297	62.43	ng		0.00
78) Terphenyl-d14	14.86	244	840323	57.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	46646	25.51	ng		97
3) Pyridine	2.96	79	120386	23.01	ng		91
4) n-Nitrosodimethylamine	2.87	42	73768	32.43	ng		80
6) Aniline	6.86	93	61509	8.03	ng	#	95
8) 2-Chlorophenol	7.00	128	150699	29.65	ng		94
9) Benzaldehyde	6.69	77	100845	29.98	ng	#	1
10) Phenol	6.85	94	185791	28.26	ng		85
11) bis(2-Chloroethyl)ether	6.96	93	129712	27.46	ng		85
12) 1,3-Dichlorobenzene	7.20	146	157791	28.51	ng	#	95
13) 1,4-Dichlorobenzene	7.29	146	161257	28.64	ng		98
14) 1,2-Dichlorobenzene	7.48	146	151365	28.26	ng		98
15) Benzyl Alcohol	7.45	79	132774	31.53	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.63	45	181053	26.81	ng		91
17) 2-Methylphenol	7.60	107	124379	31.30	ng		95
18) Hexachloroethane	7.88	117	95024	50.52	ng	#	1
19) n-Nitroso-di-n-propylamine	7.78	70	120592	34.27	ng	#	90
20) 3+4-Methylphenols	7.79	107	164384	31.41	ng	#	75
22) Acetophenone	7.77	105	345292	49.72	ng	#	64
24) Nitrobenzene	7.98	77	165844	33.20	ng	#	86
25) Isophorone	8.28	82	284183	30.17	ng	#	93
26) 2-Nitrophenol	8.38	139	68914	33.66	ng	#	78
27) 2,4-Dimethylphenol	8.44	122	144480	31.54	ng		96
28) bis(2-Chloroethoxy)methane	8.56	93	177650	29.85	ng		98
29) 2,4-Dichlorophenol	8.68	162	130260	30.29	ng		98
30) 1,2,4-Trichlorobenzene	8.78	180	133540	28.25	ng		97
31) Naphthalene	8.87	128	745111	50.46	ng		99
32) Benzoic acid	8.51	122	23753	10.67	ng	#	51
33) 4-Chloroaniline	8.95	127	59999	9.14	ng	#	94
34) Hexachlorobutadiene	9.03	225	75345	27.92	ng		97
35) Caprolactam	9.37	113	41743	31.80	ng	#	81
36) 4-Chloro-3-methylphenol	9.55	107	132072	30.55	ng		96
37) 2-Methylnaphthalene	9.73	142	480418	45.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	139964	31.84	ng		99
40) Hexachlorocyclopentadiene	9.92	237	61515	26.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	95614	32.85	ng		95
43) 2,4,5-Trichlorophenol	10.13	196	101680	32.67	ng		98
45) 1,1'-Biphenyl	10.31	154	373959	32.22	ng		99
46) 2-Chloronaphthalene	10.34	162	290731	31.94	ng		93
47) 2-Nitroaniline	10.46	65	83352	37.20	ng	#	74
48) Acenaphthylene	10.85	152	459511	31.89	ng		100
49) Dimethylphthalate	10.70	163	387816	36.02	ng		98
50) 2,6-Dinitrotoluene	10.77	165	76060	35.22	ng	#	71
51) Acenaphthene	11.06	154	261136	30.37	ng		99
52) 3-Nitroaniline	10.97	138	55325	22.22	ng	#	86
53) 2,4-Dinitrophenol	11.11	184	11023	16.78	ng	#	67
54) Dibenzofuran	11.28	168	412527	31.07	ng		98
55) 4-Nitrophenol	11.19	139	128285	64.06	ng	#	61
56) 2,4-Dinitrotoluene	11.27	165	97768	33.51	ng	#	70
57) Fluorene	11.70	166	349211	32.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.43	232	86032	34.38	ng		96
59) Diethylphthalate	11.58	149	341946	32.21	ng		96
60) 4-Chlorophenyl-phenylether	11.71	204	166489	32.55	ng		92
61) 4-Nitroaniline	11.73	138	68234	28.59	ng		90
62) Azobenzene	11.91	77	325670	32.33	ng		95
64) 4,6-Dinitro-2-methylphenol	11.77	198	12854	12.71	ng	#	57
65) n-Nitrosodiphenylamine	11.86	169	317419	28.97	ng		98
66) 4-Bromophenyl-phenylether	12.32	248	102001	26.37	ng	#	90
67) Hexachlorobenzene	12.38	284	108566	26.15	ng	#	77
68) Atrazine	12.53	200	103638	29.09	ng		96
69) Pentachlorophenol	12.63	266	130374	59.76	ng		98
70) Phenanthrene	12.90	178	561800	29.35	ng		99
71) Anthracene	12.96	178	531089	27.96	ng		99
72) Carbazole	13.16	167	505789	28.00	ng		99
73) Di-n-butylphthalate	13.62	149	626821	29.55	ng		98
74) Fluoranthene	14.37	202	601238	28.75	ng		98
76) Benzidine	14.55	184	366359	31.87	ng		98
77) Pyrene	14.65	202	633751	30.45	ng		99
79) Butylbenzylphthalate	15.48	149	268214	31.32	ng		98
80) Benzo(a)anthracene	16.15	228	576594	28.91	ng		99
81) 3,3'-Dichlorobenzidine	16.12	252	175318	23.99	ng	#	99
82) Chrysene	16.19	228	512985	27.40	ng		99
83) Bis(2-ethylhexyl)phthalate	16.21	149	403368	29.38	ng	#	95
84) Di-n-octyl phthalate	17.01	149	718111	31.32	ng		99
85) Indeno(1,2,3-cd)pyrene	19.39	276	618044m	28.95	ng		
87) Benzo(b)fluoranthene	17.47	252	584161	29.76	ng	#	95
88) Benzo(k)fluoranthene	17.50	252	489127	25.43	ng		99
89) Benzo(a)pyrene	17.85	252	538995	28.83	ng	#	96
90) Dibenzo(a,h)anthracene	19.41	278	492566	27.63	ng		98
91) Benzo(g,h,i)perylene	19.81	276	492908	27.39	ng		98

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

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