Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078448.D
Acq On : 11 Apr 2015 19:40
Operator : TP/IZ
Sample : G1787-20MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD01AMSD

Manual Integrations APPROVED
apatel
4/13/2015 4:19:26 PM

Quant Time: Apr 13 05:51:35 2015
Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 05:33:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	24479	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	102672	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	52799	20.00	ng		-0.01
63) Phenanthrene-d10	12.42	188	110335	20.00	ng		0.00
75) Chrysene-d12	15.68	240	120455	20.00	ng		-0.01
86) Perylene-d12	17.37	264	120112	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	79797	53.75	ng		0.00
7) Phenol-d6	6.46	99	95888	51.53	ng		0.00
23) Nitrobenzene-d5	7.56	82	72166	42.60	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	32190	73.51	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	165444	44.79	ng		-0.01
78) Terphenyl-d14	14.41	244	241510	45.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	9520	14.18	ng		91
3) Pyridine	2.27	79	44466	25.28	ng		97
4) n-Nitrosodimethylamine	2.20	42	13663m	20.18	ng		
6) Aniline	6.45	93	43212	16.38	ng		94
8) 2-Chlorophenol	6.59	128	31570	17.98	ng		92
9) Benzaldehyde	6.30	77	10605	8.60	ng		94
10) Phenol	6.48	94	35586	15.96	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	32429	20.23	ng		94
12) 1,3-Dichlorobenzene	6.77	146	34967	18.13	ng		99
13) 1,4-Dichlorobenzene	6.88	146	34110	17.57	ng		97
14) 1,2-Dichlorobenzene	7.06	146	34804	19.12	ng		99
15) Benzyl Alcohol	7.06	79	28700	21.95	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	43545	20.36	ng		92
17) 2-Methylphenol	7.23	107	24572	18.03	ng	#	93
18) Hexachloroethane	7.48	117	8018	12.25	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	24558	20.00	ng	#	85
20) 3+4-Methylphenols	7.42	107	32686	17.98	ng		96
22) Acetophenone	7.38	105	49796	20.82	ng	#	92
24) Nitrobenzene	7.58	77	35885	20.26	ng		87
25) Isophorone	7.88	82	65493	20.37	ng	#	91
26) 2-Nitrophenol	7.98	139	12241	14.51	ng		94
27) 2,4-Dimethylphenol	8.06	122	29532	18.82	ng		93
28) bis(2-Chloroethoxy)methane	8.18	93	42638	20.68	ng		100
29) 2,4-Dichlorophenol	8.29	162	27864	19.52	ng		96
30) 1,2,4-Trichlorobenzene	8.37	180	31325	19.14	ng		94
31) Naphthalene	8.46	128	105730	19.79	ng		99
32) Benzoic acid	8.20	122	12807	21.05	ng		92
33) 4-Chloroaniline	8.56	127	50913	22.96	ng		97
34) Hexachlorobutadiene	8.62	225	17668	19.66	ng		95
35) Caprolactam	8.97	113	9802	23.00	ng		95
36) 4-Chloro-3-methylphenol	9.17	107	28897	20.06	ng		99
37) 2-Methylnaphthalene	9.32	142	74218	20.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	31890	19.49	ng		97
40) Hexachlorocyclopentadiene	9.50	237	743	7.78	ng	#	27

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.69	196	20036	19.42	ng		99
43) 2,4,5-Trichlorophenol	9.73	196	22331	20.72	ng	#	88
45) 1,1'-Biphenyl	9.90	154	91423	21.17	ng		99
46) 2-Chloronaphthalene	9.92	162	72984	21.48	ng		97
47) 2-Nitroaniline	10.05	65	20456	24.33	ng		98
48) Acenaphthylene	10.42	152	112243	20.46	ng		99
49) Dimethylphthalate	10.29	163	81824	20.63	ng		99
50) 2,6-Dinitrotoluene	10.37	165	15469	18.95	ng	#	90
51) Acenaphthene	10.64	154	65826	21.31	ng		100
52) 3-Nitroaniline	10.57	138	23418	25.24	ng		100
54) Dibenzofuran	10.85	168	106535	22.58	ng		95
55) 4-Nitrophenol	10.82	139	17919m	28.08	ng		
56) 2,4-Dinitrotoluene	10.87	165	21072	19.94	ng		95
57) Fluorene	11.27	166	84362	22.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.01	232	17747	22.21	ng	#	97
59) Diethylphthalate	11.17	149	85568	22.37	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	38717	22.00	ng	#	84
61) 4-Nitroaniline	11.31	138	22173	23.64	ng		88
62) Azobenzene	11.48	77	88708	25.41	ng		90
64) 4,6-Dinitro-2-methylphenol	11.37	198	283	8.99	ng	#	56
65) n-Nitrosodiphenylamine	11.44	169	74806	19.60	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	23424	20.05	ng	#	91
67) Hexachlorobenzene	11.94	284	25944	20.26	ng		95
68) Atrazine	12.12	200	24819	22.45	ng		98
69) Pentachlorophenol	12.20	266	17559	35.68	ng		100
70) Phenanthrene	12.45	178	129160	20.24	ng		99
71) Anthracene	12.51	178	129621	20.61	ng		98
72) Carbazole	12.73	167	128034	21.72	ng		99
73) Di-n-butylphthalate	13.20	149	147560	22.10	ng		99
74) Fluoranthene	13.92	202	149167	22.16	ng		90
76) Benzidine	14.11	184	110203	23.76	ng		98
77) Pyrene	14.19	202	153515	20.30	ng		99
79) Butylbenzylphthalate	15.04	149	67022	23.26	ng		89
80) Benzo(a)anthracene	15.67	228	146772	20.48	ng		99
81) 3,3'-Dichlorobenzidine	15.67	252	52843	22.02	ng		99
82) Chrysene	15.71	228	143237	21.27	ng		97
83) Bis(2-ethylhexyl)phthalate	15.76	149	104970	23.22	ng	#	96
84) Di-n-octyl phthalate	16.53	149	183149	24.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.60	276	152946	20.02	ng	#	87
87) Benzo(b)fluoranthene	16.93	252	171717	23.13	ng	#	97
88) Benzo(k)fluoranthene	16.97	252	120808m	18.31	ng		
89) Benzo(a)pyrene	17.30	252	142288	21.96	ng	#	96
90) Dibenzo(a,h)anthracene	18.63	278	124138	19.14	ng		98
91) Benzo(g,h,i)perylene	18.96	276	120709	18.56	ng		99

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

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