Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083694.D
Acq On : 11 Dec 2015 00:03
Operator : UM/IZ
Sample : G4697-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-8-20151207MS

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:47 PM

Quant Time: Dec 17 11:43:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	150224	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	569621	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	272187	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	474029	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	343785	20.00	ng		-0.08
86) Perylene-d12	18.57	264	308917	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	3.92	112	1367474	138.07	ng		-0.06
7) Phenol-d6	5.20	99	1711687	129.34	ng		-0.08
23) Nitrobenzene-d5	6.44	82	1133342	92.84	ng		-0.09
41) 2,4,6-Tribromophenol	11.60	330	323294	133.32	ng		-0.09
44) 2-Fluorobiphenyl	9.25	172	1697549	87.78	ng		-0.09
78) Terphenyl-d14	15.31	244	1393339	95.36	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	165501	33.82	ng	#	95
3) Pyridine	2.24	79	474450	39.91	ng		99
4) n-Nitrosodimethylamine	2.20	42	271780	43.42	ng		95
6) Aniline	5.18	93	320635	19.66	ng	#	87
8) 2-Chlorophenol	5.33	128	461289	42.59	ng		100
9) Benzaldehyde	5.01	77	340830	52.35	ng		92
10) Phenol	5.21	94	706231	44.06	ng		89
11) bis(2-Chloroethyl)ether	5.28	93	462169	39.19	ng		97
12) 1,3-Dichlorobenzene	5.53	146	497861	41.24	ng		99
13) 1,4-Dichlorobenzene	5.63	146	509266	41.12	ng		99
14) 1,2-Dichlorobenzene	5.85	146	482187	41.95	ng		98
15) Benzyl Alcohol	5.87	79	465996	49.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	894171	41.00	ng	#	61
17) 2-Methylphenol	6.06	107	380823	43.21	ng	#	90
18) Hexachloroethane	6.32	117	175179	40.06	ng		92
19) n-Nitroso-di-n-propylamine	6.25	70	395922	42.86	ng		93
20) 3+4-Methylphenols	6.32	107	533042	45.93	ng		94
22) Acetophenone	6.22	105	677018	42.37	ng	#	96
24) Nitrobenzene	6.48	77	552584	40.96	ng		95
25) Isophorone	6.84	82	1010118	42.64	ng		99
26) 2-Nitrophenol	6.96	139	231937	43.29	ng		94
27) 2,4-Dimethylphenol	7.08	122	411175	43.87	ng		97
28) bis(2-Chloroethoxy)methane	7.20	93	601876	45.75	ng		99
29) 2,4-Dichlorophenol	7.37	162	380765	44.67	ng		97
30) 1,2,4-Trichlorobenzene	7.44	180	396951	42.16	ng		98
31) Naphthalene	7.54	128	1313920	43.55	ng		99
32) Benzoic acid	7.39	122	69794	13.92	ng		96
33) 4-Chloroaniline	7.71	127	179565	16.32	ng		93
34) Hexachlorobutadiene	7.74	225	232848	42.33	ng		98
35) Caprolactam	8.29	113	119947m	46.89	ng		
36) 4-Chloro-3-methylphenol	8.54	107	407198	42.53	ng		95
37) 2-Methylnaphthalene	8.64	142	874252	46.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	387278	43.34	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	78727	52.29	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	239996	45.14	ng		96
43) 2,4,5-Trichlorophenol	9.24	196	222159	42.20	ng		95
45) 1,1'-Biphenyl	9.40	154	1019409	43.09	ng		99
46) 2-Chloronaphthalene	9.41	162	769894	43.10	ng		96
47) 2-Nitroaniline	9.64	65	296441	46.02	ng	#	85
48) Acenaphthylene	10.06	152	1211868	41.15	ng		100
49) Dimethylphthalate	9.95	163	1084248	50.04	ng		100
50) 2,6-Dinitrotoluene	10.04	165	193536	43.26	ng		91
51) Acenaphthene	10.35	154	717275	42.54	ng		99
52) 3-Nitroaniline	10.33	138	120770	25.40	ng		89
53) 2,4-Dinitrophenol	10.54	184	118369	55.33	ng		94
54) Dibenzofuran	10.64	168	1092689	46.73	ng		97
55) 4-Nitrophenol	10.74	139	185849	88.79	ng		88
56) 2,4-Dinitrotoluene	10.72	165	270681	45.62	ng	#	80
57) Fluorene	11.18	166	859331	42.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	207109	48.82	ng	#	100
59) Diethylphthalate	11.09	149	879019	41.73	ng		99
60) 4-Chlorophenyl-phenylether	11.21	204	401233	41.30	ng		97
61) 4-Nitroaniline	11.32	138	173860	40.25	ng		84
62) Azobenzene	11.47	77	1120531	48.33	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	125292	39.17	ng		83
65) n-Nitrosodiphenylamine	11.42	169	728563	46.57	ng		100
66) 4-Bromophenyl-phenylether	12.00	248	233772	44.21	ng		93
67) Hexachlorobenzene	12.08	284	250867	44.73	ng	#	86
68) Atrazine	12.35	200	232715	50.00	ng		98
69) Pentachlorophenol	12.44	266	133125	86.27	ng		100
70) Phenanthrene	12.73	178	1219021	44.76	ng		99
71) Anthracene	12.82	178	1228932	43.56	ng		99
72) Carbazole	13.12	167	1108386	45.81	ng		98
73) Di-n-butylphthalate	13.73	149	1325049	43.55	ng		100
74) Fluoranthene	14.65	202	1146200	41.14	ng		96
76) Benzidine	14.95	184	298496	27.91	ng		96
77) Pyrene	15.00	202	1171340	47.33	ng		99
79) Butylbenzylphthalate	16.15	149	519432	47.28	ng		96
80) Benzo(a)anthracene	16.90	228	872266	43.35	ng		98
81) 3,3'-Dichlorobenzidine	16.89	252	249916	36.77	ng		99
82) Chrysene	16.95	228	863401	42.80	ng		99
83) Bis(2-ethylhexyl)phthalate	17.00	149	701850	46.03	ng	#	95
84) Di-n-octyl phthalate	17.78	149	1090965	46.82	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	787260	57.82	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	822244m	46.74	ng		
88) Benzo(k)fluoranthene	18.21	252	668827m	34.51	ng		
89) Benzo(a)pyrene	18.51	252	698292	40.68	ng	#	96
90) Dibenzo(a,h)anthracene	19.76	278	664540	50.63	ng		98
91) Benzo(g,h,i)perylene	20.12	276	642445	50.20	ng		95

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

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