Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083510.D
Acq On : 5 Dec 2015 12:58
Operator : UM/IZ
Sample : G4595-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:54 PM

Quant Time: Dec 07 01:13:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	126601	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	499423	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	248933	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	482237	20.00	ng		0.00
75) Chrysene-d12	17.05	240	428274	20.00	ng		0.00
86) Perylene-d12	18.67	264	356580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	484869	58.10	ng		0.00
7) Phenol-d6	5.32	99	390851	33.99	ng		0.00
23) Nitrobenzene-d5	6.60	82	969140	90.71	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	320464	139.56	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	1569689	85.53	ng		0.00
78) Terphenyl-d14	15.49	244	1621961	84.27	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	69387	15.85	ng	#	91
3) Pyridine	2.35	79	142625	13.65	ng		98
4) n-Nitrosodimethylamine	2.29	42	87056	16.55	ng		94
6) Aniline	5.32	93	298679	19.96	ng		94
8) 2-Chlorophenol	5.48	128	324327	34.95	ng		99
9) Benzaldehyde	5.16	77	145404	22.06	ng		91
10) Phenol	5.34	94	181258	13.48	ng		89
11) bis(2-Chloroethyl)ether	5.42	93	419841	42.13	ng		97
12) 1,3-Dichlorobenzene	5.69	146	394107	38.29	ng		99
13) 1,4-Dichlorobenzene	5.79	146	398647	37.93	ng		97
14) 1,2-Dichlorobenzene	6.01	146	378017	39.11	ng		99
15) Benzyl Alcohol	6.01	79	241219	30.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	770517	41.71	ng		90
17) 2-Methylphenol	6.20	107	220873	28.84	ng	#	91
18) Hexachloroethane	6.49	117	139094	37.92	ng	#	86
19) n-Nitroso-di-n-propylamine	6.40	70	355991	46.41	ng		93
20) 3+4-Methylphenols	6.44	107	266953	26.83	ng		94
22) Acetophenone	6.37	105	604571	42.02	ng	#	95
24) Nitrobenzene	6.62	77	516445	43.89	ng		99
25) Isophorone	6.99	82	902605	43.99	ng		96
26) 2-Nitrophenol	7.10	139	201090	43.31	ng		100
27) 2,4-Dimethylphenol	7.23	122	331037	40.35	ng		100
28) bis(2-Chloroethoxy)methane	7.36	93	537930	47.04	ng		99
29) 2,4-Dichlorophenol	7.50	162	329001	44.41	ng		100
30) 1,2,4-Trichlorobenzene	7.60	180	334035	40.78	ng		100
31) Naphthalene	7.71	128	1169525	43.99	ng		99
32) Benzoic acid	7.46	122	52165	13.69	ng		94
33) 4-Chloroaniline	7.84	127	263714	25.36	ng	#	92
34) Hexachlorobutadiene	7.92	225	182123	37.63	ng		98
35) Caprolactam	8.43	113	16462	6.99	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	333093	39.95	ng		96
37) 2-Methylnaphthalene	8.81	142	771196	46.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	339489	41.47	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	197579	63.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	230310	44.81	ng		98
43) 2,4,5-Trichlorophenol	9.37	196	247711	46.79	ng		94
45) 1,1'-Biphenyl	9.57	154	931091	42.09	ng		99
46) 2-Chloronaphthalene	9.58	162	736452	44.18	ng		99
47) 2-Nitroaniline	9.78	65	291655	49.12	ng		98
48) Acenaphthylene	10.24	152	1206957	44.22	ng		100
49) Dimethylphthalate	10.12	163	916146	46.76	ng		98
50) 2,6-Dinitrotoluene	10.20	165	198865	48.20	ng	#	75
51) Acenaphthene	10.52	154	733831	46.72	ng		98
52) 3-Nitroaniline	10.45	138	123436	27.75	ng		98
53) 2,4-Dinitrophenol	10.65	184	194475	90.43	ng		97
54) Dibenzofuran	10.81	168	1082079	49.73	ng		99
55) 4-Nitrophenol	10.85	139	77449m	30.92	ng		
56) 2,4-Dinitrotoluene	10.85	165	271118	50.32	ng	#	77
57) Fluorene	11.36	166	869151	45.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	204846	51.74	ng	#	100
59) Diethylphthalate	11.25	149	884865	46.93	ng		100
60) 4-Chlorophenyl-phenylether	11.38	204	403478	44.47	ng		99
61) 4-Nitroaniline	11.46	138	188334	46.73	ng		91
62) Azobenzene	11.64	77	1107043	55.03	ng		98
64) 4,6-Dinitro-2-methylphenol	11.52	198	143058	44.26	ng	#	75
65) n-Nitrosodiphenylamine	11.60	169	736367	46.12	ng		98
66) 4-Bromophenyl-phenylether	12.17	248	233287	44.27	ng		98
67) Hexachlorobenzene	12.24	284	257255	45.67	ng		98
68) Atrazine	12.51	200	239257	49.56	ng		99
69) Pentachlorophenol	12.59	266	252777	97.68	ng		96
70) Phenanthrene	12.90	178	1304131	46.46	ng		99
71) Anthracene	12.98	178	1340294	46.82	ng		99
72) Carbazole	13.28	167	1221693	49.70	ng		98
73) Di-n-butylphthalate	13.92	149	1454400	49.13	ng		98
74) Fluoranthene	14.82	202	1378323	49.55	ng		99
76) Benzidine	15.09	184	86949	5.62	ng		98
77) Pyrene	15.17	202	1402157	43.77	ng		98
79) Butylbenzylphthalate	16.32	149	627266	49.79	ng		91
80) Benzo(a)anthracene	17.04	228	1185868	47.33	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	220690	27.54	ng	#	97
82) Chrysene	17.08	228	1109648	44.45	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	874373	52.89	ng		99
84) Di-n-octyl phthalate	17.93	149	1367887	58.02	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	987121	46.13	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	1197309m	59.79	ng		
88) Benzo(k)fluoranthene	18.33	252	703157m	34.28	ng		
89) Benzo(a)pyrene	18.63	252	919784	47.22	ng	#	96
90) Dibenzo(a,h)anthracene	19.93	278	836661	44.64	ng		96
91) Benzo(g,h,i)perylene	20.28	276	837329	44.34	ng		96

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

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