Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083863.D
Acq On : 16 Dec 2015 22:12
Operator : UM/SJ
Sample : G4775-24MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:38:05 PM

Quant Time: Dec 17 12:57:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	89725	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	369096	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	166868	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	306808	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	177140	20.00	ng		-0.02
86) Perylene-d12	15.48	264	172956	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	791982	142.40	ng		-0.01
7) Phenol-d6	6.53	99	1017831	144.51	ng		-0.01
23) Nitrobenzene-d5	7.46	82	612739	92.88	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	289704	170.38	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1028809	93.05	ng		-0.03
78) Terphenyl-d14	13.00	244	981936	119.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	95472	35.50	ng	#	82
3) Pyridine	3.30	79	294066	43.46	ng		85
4) n-Nitrosodimethylamine	3.25	42	115521	45.13	ng	#	64
6) Aniline	6.56	93	221965	23.20	ng	#	55
8) 2-Chlorophenol	6.68	128	300849	46.03	ng		90
9) Benzaldehyde	6.44	77	149515m	39.53	ng		
10) Phenol	6.56	94	329794	40.68	ng		87
11) bis(2-Chloroethyl)ether	6.64	93	299009	50.93	ng	#	83
12) 1,3-Dichlorobenzene	6.84	146	326068m	47.01	ng		
13) 1,4-Dichlorobenzene	6.91	146	326385	46.57	ng		99
14) 1,2-Dichlorobenzene	7.07	146	319446	50.72	ng		98
15) Benzyl Alcohol	7.04	79	255579	49.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	307575	40.35	ng		71
17) 2-Methylphenol	7.15	107	263109	50.07	ng	#	87
18) Hexachloroethane	7.41	117	125122	50.27	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	203135	47.10	ng		91
20) 3+4-Methylphenols	7.31	107	306815	49.46	ng	#	68
22) Acetophenone	7.31	105	412194	45.52	ng	#	98
24) Nitrobenzene	7.48	77	346586	50.47	ng	#	79
25) Isophorone	7.72	82	586490	45.31	ng	#	90
26) 2-Nitrophenol	7.79	139	158408	48.02	ng		89
27) 2,4-Dimethylphenol	7.84	122	288313	44.48	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	347076	46.99	ng	#	98
29) 2,4-Dichlorophenol	8.04	162	276965	52.05	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	263499	47.75	ng		96
31) Naphthalene	8.20	128	910084	47.30	ng		99
32) Benzoic acid	7.93	122	42968	10.64	ng		91
33) 4-Chloroaniline	8.25	127	78922m	10.04	ng		
34) Hexachlorobutadiene	8.33	225	151558	50.05	ng		98
35) Caprolactam	8.61	113	83815m	49.05	ng		
36) 4-Chloro-3-methylphenol	8.74	107	295292	47.44	ng		90
37) 2-Methylnaphthalene	8.89	142	579384	47.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	232773	47.29	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	171959	68.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	189243	52.52	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	178916	52.35	ng	#	90
45) 1,1'-Biphenyl	9.36	154	689747	46.64	ng		96
46) 2-Chloronaphthalene	9.38	162	513076	47.00	ng	#	92
47) 2-Nitroaniline	9.47	65	148506	47.97	ng	#	79
48) Acenaphthylene	9.79	152	848893	46.22	ng		100
49) Dimethylphthalate	9.66	163	949782	73.01	ng		99
50) 2,6-Dinitrotoluene	9.72	165	155426	56.29	ng	#	54
51) Acenaphthene	9.96	154	533399	48.04	ng		100
52) 3-Nitroaniline	9.88	138	96071	30.18	ng	#	75
53) 2,4-Dinitrophenol	9.98	184	67027	54.15	ng	#	80
54) Dibenzofuran	10.13	168	733862	49.88	ng	#	87
55) 4-Nitrophenol	10.05	139	212471	90.14	ng		83
56) 2,4-Dinitrotoluene	10.12	165	198522	55.04	ng	#	75
57) Fluorene	10.48	166	549606	47.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	152794	59.60	ng	#	100
59) Diethylphthalate	10.36	149	672844	51.09	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	272858	51.65	ng		95
61) 4-Nitroaniline	10.50	138	141759	50.52	ng		93
62) Azobenzene	10.64	77	639066	53.23	ng		87
64) 4,6-Dinitro-2-methylphenol	10.53	198	93813	53.74	ng	#	56
65) n-Nitrosodiphenylamine	10.59	169	490616	46.76	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	165821	48.34	ng	#	74
67) Hexachlorobenzene	11.04	284	196187	52.85	ng	#	81
68) Atrazine	11.12	200	156150	52.30	ng		97
69) Pentachlorophenol	11.22	266	174259	83.23	ng		100
70) Phenanthrene	11.44	178	781741	47.96	ng		99
71) Anthracene	11.49	178	839027	49.56	ng		99
72) Carbazole	11.64	167	725100	45.97	ng	#	96
73) Di-n-butylphthalate	11.97	149	937653	48.95	ng		99
74) Fluoranthene	12.62	202	809541	48.07	ng		99
76) Benzidine	12.74	184	281203	52.09	ng		96
77) Pyrene	12.85	202	809002	57.78	ng		99
79) Butylbenzylphthalate	13.47	149	372526	62.00	ng		93
80) Benzo(a)anthracene	14.04	228	539694	53.58	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	129747	35.71	ng		98
82) Chrysene	14.08	228	547975	55.78	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	426252	62.33	ng	#	97
84) Di-n-octyl phthalate	14.64	149	689745	63.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	621136	64.37	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	488528	44.27	ng		98
88) Benzo(k)fluoranthene	15.11	252	494454m	49.46	ng		
89) Benzo(a)pyrene	15.43	252	481536	48.91	ng		100
90) Dibenzo(a,h)anthracene	16.93	278	513509	52.45	ng		99
91) Benzo(g,h,i)perylene	17.35	276	537463	53.40	ng		98

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

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