Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083426.D
Acq On : 2 Dec 2015 19:16
Operator : UM/IZ
Sample : G4584-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-10(6-11)MS

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:42 PM

Quant Time: Dec 03 04:15:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160243m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	579286	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	292349	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	522148	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	383377	20.00	ng		-0.02
86) Perylene-d12	16.80	264	334840	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1517859	142.14	ng		0.01
7) Phenol-d6	6.22	99	2071669	141.73	ng		0.00
23) Nitrobenzene-d5	7.12	82	1326557	100.67	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	404538	137.84	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1965203	95.79	ng		-0.01
78) Terphenyl-d14	13.21	244	1810657	112.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	197667	34.18	ng	#	89
3) Pyridine	2.62	79	619401	42.82	ng		97
4) n-Nitrosodimethylamine	2.59	42	319256	44.84	ng		92
6) Aniline	6.21	93	566697	28.34	ng		90
8) 2-Chlorophenol	6.34	128	556049	47.20	ng		91
9) Benzaldehyde	6.08	77	256434	35.55	ng		95
10) Phenol	6.24	94	893754	50.82	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	657273	51.38	ng		94
12) 1,3-Dichlorobenzene	6.48	146	577623m	44.11	ng		
13) 1,4-Dichlorobenzene	6.56	146	597093m	44.12	ng		
14) 1,2-Dichlorobenzene	6.72	146	549589	44.26	ng		97
15) Benzyl Alcohol	6.70	79	519021	45.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1048909	46.72	ng	#	54
17) 2-Methylphenol	6.84	107	490708	49.98	ng		96
18) Hexachloroethane	7.05	117	220304	46.87	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	463802	44.39	ng		92
20) 3+4-Methylphenols	7.00	107	653060	49.11	ng		97
22) Acetophenone	6.97	105	835561	48.21	ng		97
24) Nitrobenzene	7.14	77	729394	51.83	ng		94
25) Isophorone	7.38	82	1229866	48.18	ng		99
26) 2-Nitrophenol	7.46	139	306314	53.32	ng	#	78
27) 2,4-Dimethylphenol	7.52	122	493023	51.20	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	764980	52.62	ng		99
29) 2,4-Dichlorophenol	7.71	162	462890	49.98	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	505022	50.10	ng		97
31) Naphthalene	7.86	128	7094474	225.72	ng	#	94
32) Benzoic acid	7.66	122	186366	28.06	ng		95
33) 4-Chloroaniline	7.92	127	311341	22.98	ng		95
34) Hexachlorobutadiene	7.98	225	282657	49.38	ng		97
35) Caprolactam	8.30	113	165880m	56.69	ng		
36) 4-Chloro-3-methylphenol	8.43	107	539682	51.95	ng		91
37) 2-Methylnaphthalene	8.54	142	1862288	88.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	466249	50.31	ng		99
40) Hexachlorocyclopentadiene	8.70	237	292170	66.37	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	315326	48.51	ng		100
43) 2,4,5-Trichlorophenol	8.89	196	336932	50.03	ng		97
45) 1,1'-Biphenyl	9.01	154	1611798	62.87	ng		96
46) 2-Chloronaphthalene	9.02	162	955687	48.92	ng		98
47) 2-Nitroaniline	9.14	65	374049	48.34	ng	#	84
48) Acenaphthylene	9.44	152	1534112	49.23	ng		99
49) Dimethylphthalate	9.33	163	1325719	55.80	ng		98
50) 2,6-Dinitrotoluene	9.39	165	261205	51.48	ng	#	70
51) Acenaphthene	9.62	154	2045842	111.61	ng		98
52) 3-Nitroaniline	9.55	138	160651	27.01	ng		94
53) 2,4-Dinitrophenol	9.66	184	182911	61.05	ng	#	86
54) Dibenzofuran	9.79	168	1383145	51.49	ng		93
55) 4-Nitrophenol	9.76	139	397977	106.99	ng	#	61
56) 2,4-Dinitrotoluene	9.79	165	331612	51.51	ng	#	73
57) Fluorene	10.13	166	1585944	74.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	264399	48.66	ng		94
59) Diethylphthalate	10.02	149	1018010	44.95	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	416666	42.75	ng		91
61) 4-Nitroaniline	10.17	138	254350	42.75	ng		96
62) Azobenzene	10.28	77	1334918	48.80	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	156912	44.76	ng	#	70
65) n-Nitrosodiphenylamine	10.25	169	915954	49.92	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	291324	51.00	ng		96
67) Hexachlorobenzene	10.69	284	312422	49.47	ng	#	94
68) Atrazine	10.82	200	279545	55.08	ng		99
69) Pentachlorophenol	10.92	266	335392	101.38	ng		99
70) Phenanthrene	11.16	178	4427292	143.28	ng		93
71) Anthracene	11.21	178	2344182	75.36	ng		98
72) Carbazole	11.40	167	1360174	48.66	ng		99
73) Di-n-butylphthalate	11.85	149	1688867	50.99	ng		99
74) Fluoranthene	12.66	202	2815009	87.89	ng		97
76) Benzidine	12.85	184	440335	38.56	ng		98
77) Pyrene	12.97	202	3151167	117.69	ng		97
79) Butylbenzylphthalate	13.95	149	674889	59.42	ng	#	82
80) Benzo(a)anthracene	14.73	228	1629851	69.39	ng		97
81) 3,3'-Dichlorobenzidine	14.71	252	269064	36.67	ng		97
82) Chrysene	14.79	228	1440177	63.46	ng		100
83) Bis(2-ethylhexyl)phthalate	14.85	149	912583	59.90	ng		100
84) Di-n-octyl phthalate	15.83	149	1355739	59.76	ng		99
85) Indeno(1,2,3-cd)pyrene	18.18	276	1294286	78.31	ng		99
87) Benzo(b)fluoranthene	16.29	252	1261833	58.73	ng		97
88) Benzo(k)fluoranthene	16.33	252	1057098m	52.11	ng		
89) Benzo(a)pyrene	16.73	252	1318810	71.47	ng	#	97
90) Dibenzo(a,h)anthracene	18.20	278	966810	60.13	ng		100
91) Benzo(g,h,i)perylene	18.56	276	1154474	73.15	ng		97

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

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