Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108233.D
Acq On : 17 Aug 2018 10:31
Operator : JU/SJ
Sample : PB112108BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:15 PM

Quant Time: Aug 17 11:34:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	164870	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	663925	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	344859	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	687700	20.00	ng		0.00
75) Chrysene-d12	14.22	240	545376	20.00	ng		0.00
86) Perylene-d12	15.78	264	398453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1333721	146.46	ng		0.02
7) Phenol-d6	6.64	99	1802566	148.96	ng		0.01
23) Nitrobenzene-d5	7.58	82	947735	79.66	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	551741	160.40	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1810820	84.30	ng		0.00
78) Terphenyl-d14	13.15	244	1987939	92.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	179610	38.384	ng		90
3) Pyridine	3.77	79	481346	39.933	ng		86
4) n-Nitrosodimethylamine	3.72	42	259102	38.201	ng	#	84
6) Aniline	6.68	93	538113	32.691	ng		97
8) 2-Chlorophenol	6.81	128	448076	43.687	ng		99
9) Benzaldehyde	6.57	77	240391	25.622	ng		99
10) Phenol	6.65	94	534743	42.720	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	431867	42.675	ng		91
12) 1,3-Dichlorobenzene	6.96	146	507836	42.822	ng		99
13) 1,4-Dichlorobenzene	7.04	146	507539	42.596	ng		97
14) 1,2-Dichlorobenzene	7.19	146	470913	42.490	ng		97
15) Benzyl Alcohol	7.15	79	425780	41.794	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	851173	40.828	ng		98
17) 2-Methylphenol	7.26	107	392092	44.579	ng		96
18) Hexachloroethane	7.53	117	183694	43.304	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	341468	41.727	ng		91
20) 3+4-Methylphenols	7.41	107	480735	42.652	ng	#	78
22) Acetophenone	7.42	105	644865	41.539	ng	#	94
24) Nitrobenzene	7.60	77	514454	42.759	ng		97
25) Isophorone	7.84	82	927863	40.915	ng		98
26) 2-Nitrophenol	7.91	139	219471	48.303	ng		91
27) 2,4-Dimethylphenol	7.94	122	430067	42.728	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	559237	42.242	ng		98
29) 2,4-Dichlorophenol	8.15	162	410621	44.331	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	432533	42.354	ng		98
31) Naphthalene	8.32	128	1304451	43.202	ng		99
32) Benzoic acid	8.06	122	204838	36.680	ng		92
33) 4-Chloroaniline	8.37	127	353389	26.857	ng		98
34) Hexachlorobutadiene	8.43	225	273936	42.372	ng		99
35) Caprolactam	8.74	113	122342m	42.148	ng		
36) 4-Chloro-3-methylphenol	8.84	107	427217	42.754	ng		97
37) 2-Methylnaphthalene	9.01	142	910404	42.617	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	450698	42.558	ng		98
40) Hexachlorocyclopentadiene	9.17	237	501053	73.249	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	299336	45.549	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	329648	45.567	ng		96
45) 1,1'-Biphenyl	9.48	154	1104748	43.449	ng		100
46) 2-Chloronaphthalene	9.51	162	858353	42.712	ng		99
47) 2-Nitroaniline	9.60	65	293495	45.137	ng		86
48) Acenaphthylene	9.93	152	1380186	43.442	ng		100
49) Dimethylphthalate	9.78	163	1006022	41.879	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	225255	44.819	ng		93
51) Acenaphthene	10.10	154	890170	45.745	ng		99
52) 3-Nitroaniline	10.01	138	178389	32.440	ng		93
53) 2,4-Dinitrophenol	10.12	184	164865	86.980	ng	#	22
54) Dibenzofuran	10.27	168	1194097	42.356	ng		96
55) 4-Nitrophenol	10.17	139	343739	82.548	ng	#	81
56) 2,4-Dinitrotoluene	10.25	165	301303	46.574	ng	#	93
57) Fluorene	10.62	166	953118	42.707	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	276044	45.652	ng	#	86
59) Diethylphthalate	10.48	149	971398	41.760	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	487247	41.899	ng		93
61) 4-Nitroaniline	10.64	138	239807	44.109	ng		91
62) Azobenzene	10.77	77	1003758	41.783	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	112126	43.939	ng		92
65) n-Nitrosodiphenylamine	10.72	169	860827	42.359	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	315776	42.253	ng	#	86
67) Hexachlorobenzene	11.17	284	330401	42.018	ng	#	88
68) Atrazine	11.25	200	298630	43.812	ng		95
69) Pentachlorophenol	11.36	266	326185	86.666	ng		96
70) Phenanthrene	11.59	178	1385529	42.715	ng		99
71) Anthracene	11.64	178	1422401	42.785	ng		98
72) Carbazole	11.79	167	1276505	43.217	ng		99
73) Di-n-butylphthalate	12.11	149	1484124	44.360	ng		100
74) Fluoranthene	12.78	202	1535527	43.376	ng		95
76) Benzidine	12.89	184	668316	32.798	ng		99
77) Pyrene	13.01	202	1541112	44.634	ng		99
79) Butylbenzylphthalate	13.61	149	638400	46.563	ng	#	95
80) Benzo(a)anthracene	14.21	228	1361619	43.504	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	344086	30.676	ng	#	98
82) Chrysene	14.24	228	1234985	43.039	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	823574	44.358	ng		99
84) Di-n-octyl phthalate	14.79	149	1306577	46.143	ng		96
85) Indeno(1,2,3-cd)pyrene	17.40	276	921476	37.063	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1163537m	48.869	ng		
88) Benzo(k)fluoranthene	15.34	252	973411	44.476	ng	#	97
89) Benzo(a)pyrene	15.71	252	971111	45.548	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	773218	43.832	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	758782	43.682	ng	#	91

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

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