Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109327.D
Acq On : 26 Sep 2018 10:00
Operator : JU/SJ
Sample : PB113191BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113191BS

Manual Integrations APPROVED
Sohil
9/26/2018 3:43:09 PM

Quant Time: Sep 26 12:11:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119555	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	450653	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	202358	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	323283	20.00	ng		0.00
75) Chrysene-d12	13.85	240	240223	20.00	ng		0.00
86) Perylene-d12	15.24	264	191422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	513210	70.70	ng		0.00
7) Phenol-d6	6.35	99	662437	71.52	ng		-0.01
23) Nitrobenzene-d5	7.27	82	588088	77.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	133822	67.08	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1031916	76.91	ng		0.00
78) Terphenyl-d14	12.80	244	823222	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	99290	29.701	ng		95
3) Pyridine	3.15	79	285301	33.159	ng		90
4) n-Nitrosodimethylamine	3.08	42	132868	36.287	ng	#	96
6) Aniline	6.37	93	258004	21.772	ng		98
8) 2-Chlorophenol	6.49	128	287037	35.560	ng		96
9) Benzaldehyde	6.25	77	167229	28.105	ng		99
10) Phenol	6.36	94	349639	33.333	ng	#	73
11) bis(2-Chloroethyl)ether	6.45	93	266039	32.413	ng		95
12) 1,3-Dichlorobenzene	6.65	146	304706	32.787	ng		98
13) 1,4-Dichlorobenzene	6.73	146	304857	32.560	ng		97
14) 1,2-Dichlorobenzene	6.88	146	286070	33.121	ng		98
15) Benzyl Alcohol	6.85	79	244178	34.441	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	370626	31.835	ng		94
17) 2-Methylphenol	6.97	107	224820	34.422	ng		96
18) Hexachloroethane	7.22	117	97714	29.623	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	194048	31.973	ng		97
20) 3+4-Methylphenols	7.12	107	273448	34.678	ng	#	70
22) Acetophenone	7.12	105	382045	36.668	ng	#	94
24) Nitrobenzene	7.29	77	295975	36.463	ng		96
25) Isophorone	7.53	82	534846	38.906	ng		99
26) 2-Nitrophenol	7.60	139	129826	40.443	ng		95
27) 2,4-Dimethylphenol	7.65	122	248901	41.553	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	331166	36.392	ng		99
29) 2,4-Dichlorophenol	7.85	162	232949	37.015	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	243065	34.564	ng		97
31) Naphthalene	8.02	128	789176	37.475	ng		99
32) Benzoic acid	7.77	122	139597	36.236	ng		99
33) 4-Chloroaniline	8.06	127	121430	13.199	ng		99
34) Hexachlorobutadiene	8.14	225	143439	33.835	ng		97
35) Caprolactam	8.43	113	73594	36.627	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	237320	35.836	ng		97
37) 2-Methylnaphthalene	8.70	142	523041	38.528	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	240017	37.269	ng		98
40) Hexachlorocyclopentadiene	8.86	237	56622	20.157	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	154126	37.289	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	160865	36.851	ng	#	91
45) 1,1'-Biphenyl	9.17	154	612942	37.177	ng		98
46) 2-Chloronaphthalene	9.19	162	470513	35.722	ng		99
47) 2-Nitroaniline	9.28	65	142929	38.274	ng		95
48) Acenaphthylene	9.60	152	739550	37.219	ng		99
49) Dimethylphthalate	9.47	163	549917	37.363	ng		99
50) 2,6-Dinitrotoluene	9.53	165	114392	39.243	ng		94
51) Acenaphthene	9.77	154	427570	35.591	ng		98
52) 3-Nitroaniline	9.69	138	89712	26.575	ng		92
53) 2,4-Dinitrophenol	9.80	184	19875	25.686	ng	#	19
54) Dibenzofuran	9.95	168	617419	34.558	ng		97
55) 4-Nitrophenol	9.86	139	155345	61.087	ng		95
56) 2,4-Dinitrotoluene	9.93	165	141632	38.400	ng	#	98
57) Fluorene	10.29	166	452325	35.484	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	122552	35.456	ng	#	87
59) Diethylphthalate	10.16	149	527370	35.384	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	221730	33.302	ng		92
61) 4-Nitroaniline	10.30	138	98926	30.049	ng		98
62) Azobenzene	10.44	77	502315	32.439	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	16823	17.755	ng		93
65) n-Nitrosodiphenylamine	10.40	169	433144	40.552	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	141822	39.505	ng	#	84
67) Hexachlorobenzene	10.84	284	140841	36.940	ng	#	86
68) Atrazine	10.93	200	134950	41.081	ng		95
69) Pentachlorophenol	11.03	266	126271	55.334	ng		97
70) Phenanthrene	11.24	178	608950	37.726	ng		99
71) Anthracene	11.29	178	621440	37.958	ng		100
72) Carbazole	11.45	167	547673	33.622	ng		99
73) Di-n-butylphthalate	11.79	149	717560	38.266	ng		99
74) Fluoranthene	12.42	202	620351	35.963	ng		97
76) Benzidine	12.55	184	466444	53.855	ng		99
77) Pyrene	12.65	202	621151	36.079	ng		100
79) Butylbenzylphthalate	13.27	149	277750	37.920	ng		97
80) Benzo(a)anthracene	13.83	228	538699	37.230	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	214107	38.936	ng	#	97
82) Chrysene	13.87	228	526560	36.716	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	353283	38.245	ng		99
84) Di-n-octyl phthalate	14.44	149	644142	40.783	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	368259	31.679	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	456099m	43.362	ng		
88) Benzo(k)fluoranthene	14.87	252	379581	38.030	ng		98
89) Benzo(a)pyrene	15.19	252	375684	39.637	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	304990	39.223	ng		96
91) Benzo(g,h,i)perylene	17.00	276	307074	40.182	ng	#	92

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

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