Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113460.D
Acq On : 1 Apr 2019 12:08
Operator : JU/SJ
Sample : PB118402BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 02 02:46:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 01 14:33:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	141119	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	540966	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	278090	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	608292	20.00	ng		0.00
76) Chrysene-d12	13.85	240	433476	20.00	ng		0.00
87) Perylene-d12	15.26	264	345096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1002418	116.15	ng		0.02
7) Phenol-d6	6.36	99	1273675	116.66	ng		0.00
23) Nitrobenzene-d5	7.27	82	811990	89.09	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	445913	129.81	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	1529932	86.55	ng		0.00
79) Terphenyl-d14	12.80	244	1859329	94.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	160457	36.644	ng		99
3) Pyridine	3.17	79	389160	36.050	ng		96
4) n-Nitrosodimethylamine	3.10	42	164317	34.240	ng		97
6) Aniline	6.37	93	390140	29.343	ng	#	78
8) 2-Chlorophenol	6.50	128	378877	37.804	ng		99
9) Benzaldehyde	6.26	77	258890	35.336	ng		98
10) Phenol	6.37	94	462822	37.131	ng		88
11) bis(2-Chloroethyl)ether	6.45	93	354002	37.051	ng		98
12) 1,3-Dichlorobenzene	6.65	146	399394	36.970	ng		99
13) 1,4-Dichlorobenzene	6.73	146	407702	39.086	ng		99
14) 1,2-Dichlorobenzene	6.88	146	379788	37.009	ng		99
15) Benzyl Alcohol	6.86	79	285826	39.683	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	557886	38.868	ng		96
17) 2-Methylphenol	6.98	107	309119	39.357	ng		98
18) Hexachloroethane	7.22	117	142660	38.078	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	256420	37.390	ng		100
20) 3+4-Methylphenols	7.13	107	396006	43.674	ng	#	89
22) Acetophenone	7.12	105	514694	41.720	ng		99
24) Nitrobenzene	7.29	77	390208	41.028	ng		98
25) Isophorone	7.53	82	724128	40.997	ng		99
26) 2-Nitrophenol	7.61	139	206817	41.140	ng		93
27) 2,4-Dimethylphenol	7.66	122	350855	48.517	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	464424	41.753	ng		100
29) 2,4-Dichlorophenol	7.86	162	341051	43.520	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	347817	41.137	ng		99
31) Naphthalene	8.02	128	1100187	41.617	ng		99
32) Benzoic acid	7.80	122	217276	37.326	ng		96
33) 4-Chloroaniline	8.07	127	250476	24.298	ng		98
34) Hexachlorobutadiene	8.13	225	204763	40.747	ng		98
35) Caprolactam	8.44	113	117290m	46.634	ng		
36) 4-Chloro-3-methylphenol	8.56	107	349925	44.394	ng		99
37) 2-Methylnaphthalene	8.70	142	748481	45.376	ng		99
38) 1-Methylnaphthalene	8.80	142	704528	44.405	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	348532	39.044	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	260705	68.998	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	237448	40.848	ng	99
44) 2,4,5-Trichlorophenol	9.04	196	261707	40.681	ng	99
46) 1,1'-Biphenyl	9.17	154	927424	39.931	ng	99
47) 2-Chloronaphthalene	9.19	162	709097	39.653	ng	98
48) 2-Nitroaniline	9.29	65	225149	40.120	ng	98
49) Acenaphthylene	9.60	152	1155089	39.948	ng	100
50) Dimethylphthalate	9.47	163	865536	41.999	ng	100
51) 2,6-Dinitrotoluene	9.53	165	192377	41.378	ng	91
52) Acenaphthene	9.77	154	660996	40.593	ng	100
53) 3-Nitroaniline	9.70	138	134259	25.607	ng	96
54) 2,4-Dinitrophenol	9.82	184	166433	71.975	ng	99
55) Dibenzofuran	9.95	168	988579	40.384	ng	99
56) 4-Nitrophenol	9.89	139	277202	74.159	ng	93
57) 2,4-Dinitrotoluene	9.95	165	251850	42.596	ng	94
58) Fluorene	10.29	166	787288	41.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	238843	43.903	ng	99
60) Diethylphthalate	10.17	149	879369	43.496	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	392285	42.325	ng	98
62) 4-Nitroaniline	10.32	138	222985	41.307	ng	99
63) Azobenzene	10.44	77	790542	41.540	ng	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	110878	33.320	ng	93
66) n-Nitrosodiphenylamine	10.40	169	738828	39.582	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	258512	38.992	ng	97
68) Hexachlorobenzene	10.85	284	307213	39.921	ng	96
69) Atrazine	10.93	200	232775	39.510	ng	99
70) Pentachlorophenol	11.04	266	307223	76.625	ng	98
71) Phenanthrene	11.25	178	1219836	40.381	ng	100
72) Anthracene	11.30	178	1277534	41.636	ng	99
73) Carbazole	11.46	167	1217776	41.593	ng	99
74) Di-n-butylphthalate	11.79	149	1443149	42.505	ng	99
75) Fluoranthene	12.43	202	1348529	39.489	ng	99
77) Benzidine	12.55	184	694626	41.845	ng	99
78) Pyrene	12.66	202	1349521	44.926	ng	100
80) Butylbenzylphthalate	13.27	149	585489	44.227	ng	100
81) Benzo(a)anthracene	13.84	228	964474	38.870	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	282864	28.417	ng	98
83) Chrysene	13.88	228	1017153	40.358	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	722141	44.498	ng	100
85) Di-n-octyl phthalate	14.44	149	1138719	41.337	ng	99
86) Indeno(1,2,3-cd)pyrene	16.63	276	838031	38.744	ng	100
88) Benzo(b)fluoranthene	14.86	252	913279	42.602	ng	100
89) Benzo(k)fluoranthene	14.89	252	781616	41.518	ng	99
90) Benzo(a)pyrene	15.20	252	795108	41.837	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	715358	43.532	ng	100
92) Benzo(g,h,i)perylene	17.03	276	711512	42.942	ng	98

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

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