Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110041.D
Acq On : 22 Oct 2018 11:32
Operator : JU/SJ
Sample : PB114001BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:20:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163380	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	685617	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	330810	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	642839	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	490604	20.00	ng		-0.01
87) Perylene-d12	15.67	264	365343	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1330120	129.05	ng		0.00
7) Phenol-d6	6.60	99	1685607	131.70	ng		0.00
23) Nitrobenzene-d5	7.53	82	886440	87.10	ng		-0.02
42) 2,4,6-Tribromophenol	10.81	330	427675	149.32	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1652402	79.70	ng		-0.01
79) Terphenyl-d14	13.09	244	1677614	71.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	181987	31.087	ng		91
3) Pyridine	3.69	79	506068	38.775	ng		87
4) n-Nitrosodimethylamine	3.65	42	230655	43.323	ng	#	95
6) Aniline	6.63	93	565893	32.810	ng	#	53
8) 2-Chlorophenol	6.76	128	473196	40.986	ng		98
9) Benzaldehyde	6.52	77	265448	31.916	ng		95
10) Phenol	6.61	94	563870	40.806	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	443371	38.374	ng		92
12) 1,3-Dichlorobenzene	6.91	146	510788	40.347	ng		98
13) 1,4-Dichlorobenzene	6.99	146	516128	40.481	ng		98
14) 1,2-Dichlorobenzene	7.14	146	479527	40.843	ng		99
15) Benzyl Alcohol	7.11	79	415937	42.242	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	742978	39.179	ng		68
17) 2-Methylphenol	7.21	107	391139	42.013	ng	#	82
18) Hexachloroethane	7.48	117	191480	42.497	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	321692	39.146	ng		93
20) 3+4-Methylphenols	7.36	107	494927	41.893	ng		93
22) Acetophenone	7.37	105	644468	40.533	ng	#	95
24) Nitrobenzene	7.55	77	484325	43.804	ng		95
25) Isophorone	7.79	82	893840	44.696	ng		96
26) 2-Nitrophenol	7.87	139	235550	51.382	ng		90
27) 2,4-Dimethylphenol	7.90	122	443853	46.078	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	567368	41.339	ng		98
29) 2,4-Dichlorophenol	8.10	162	397731	42.563	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	425556	40.673	ng		96
31) Naphthalene	8.27	128	1366969	43.479	ng		99
32) Benzoic acid	8.02	122	264961	44.147	ng		89
33) 4-Chloroaniline	8.32	127	333724	23.613	ng		97
34) Hexachlorobutadiene	8.39	225	235505	40.819	ng		98
35) Caprolactam	8.69	113	143288m	43.177	ng		
36) 4-Chloro-3-methylphenol	8.80	107	427651	43.382	ng		94
37) 2-Methylnaphthalene	8.97	142	947567	46.544	ng		99
38) 1-Methylnaphthalene	9.07	142	886308	44.928	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395343	38.800	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506789	103.049 ng		100
43) 2,4,6-Trichlorophenol	9.24	196	267364	41.964 ng		97
44) 2,4,5-Trichlorophenol	9.28	196	283978	42.945 ng		95
46) 1,1'-Biphenyl	9.43	154	1129925	38.337 ng		98
47) 2-Chloronaphthalene	9.46	162	867458	39.956 ng		99
48) 2-Nitroaniline	9.55	65	270415	48.535 ng		97
49) Acenaphthylene	9.87	152	1354723	42.953 ng		98
50) Dimethylphthalate	9.73	163	989020	42.222 ng		99
51) 2,6-Dinitrotoluene	9.79	165	222317	49.969 ng		97
52) Acenaphthene	10.05	154	928950	46.263 ng		98
53) 3-Nitroaniline	9.96	138	181143	33.470 ng		91
54) 2,4-Dinitrophenol	10.07	184	178684	120.941 ng		89
55) Dibenzofuran	10.22	168	1191344	41.603 ng		98
56) 4-Nitrophenol	10.13	139	538210	130.332 ng		88
57) 2,4-Dinitrotoluene	10.20	165	301083	53.041 ng		91
58) Fluorene	10.56	166	936771	44.938 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	240606	45.911 ng		94
60) Diethylphthalate	10.43	149	967515	41.819 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.839 ng		98
62) 4-Nitroaniline	10.59	138	256517	50.071 ng		92
63) Azobenzene	10.72	77	975436	40.358 ng		94
65) 4,6-Dinitro-2-methylphenol	10.61	198	115446	49.313 ng		98
66) n-Nitrosodiphenylamine	10.67	169	836672	39.078 ng		96
67) 4-Bromophenyl-phenylether	11.05	248	274441	39.393 ng		96
68) Hexachlorobenzene	11.11	284	281681	37.916 ng	#	93
69) Atrazine	11.20	200	279714	41.824 ng		98
70) Pentachlorophenol	11.30	266	301424	71.294 ng		98
71) Phenanthrene	11.53	178	1415241	42.525 ng		100
72) Anthracene	11.58	178	1447240	43.255 ng		99
73) Carbazole	11.73	167	1288647	39.189 ng		100
74) Di-n-butylphthalate	12.05	149	1499711	40.866 ng		100
75) Fluoranthene	12.72	202	1456634	43.813 ng		100
77) Benzidine	12.84	184	919735	48.895 ng		97
78) Pyrene	12.95	202	1482423	41.140 ng		99
80) Butylbenzylphthalate	13.56	149	645778	44.329 ng		100
81) Benzo(a)anthracene	14.14	228	1257636	43.520 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	224603	22.170 ng		100
83) Chrysene	14.18	228	1155030	41.991 ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	860965	44.915 ng		96
85) Di-n-octyl phthalate	14.73	149	1296520	47.975 ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	869749	39.272 ng	#	95
88) Benzo(b)fluoranthene	15.22	252	1002644	47.603 ng		98
89) Benzo(k)fluoranthene	15.25	252	909626	43.815 ng		98
90) Benzo(a)pyrene	15.60	252	879153	45.383 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	722182	42.066 ng		97
92) Benzo(g,h,i)perylene	17.71	276	714205	41.175 ng		95

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

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