Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107251.D
Acq On : 10 Jul 2018 1:53
Operator : JU/SJ
Sample : PB110915BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110915BSD

Quant Time: Jul 10 05:50:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	30156	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	99090	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	46995	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	99225	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	73781	20.00	ng		-0.02
86) Perylene-d12	15.69	264	56359	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	179124	100.58	ng		0.00
7) Phenol-d6	6.60	99	204414	91.91	ng		-0.02
23) Nitrobenzene-d5	7.52	82	178440	100.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	60757	111.55	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	318457	120.94	ng		-0.02
78) Terphenyl-d14	13.08	244	436765	143.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	33535	36.627	ng		98
3) Pyridine	3.62	79	103582	41.715	ng		96
4) n-Nitrosodimethylamine	3.59	42	41949	39.776	ng		84
6) Aniline	6.61	93	86617	28.712	ng	#	28
8) 2-Chlorophenol	6.74	128	87253	44.670	ng		98
9) Benzaldehyde	6.51	77	36616	21.299	ng		95
10) Phenol	6.61	94	106496	41.959	ng	#	71
11) bis(2-Chloroethyl)ether	6.68	93	88196	42.092	ng		98
12) 1,3-Dichlorobenzene	6.89	146	100401	43.886	ng		98
13) 1,4-Dichlorobenzene	6.97	146	101042	43.686	ng		99
14) 1,2-Dichlorobenzene	7.12	146	92299	43.543	ng		98
15) Benzyl Alcohol	7.10	79	66240	37.093	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	121631	44.243	ng	#	17
17) 2-Methylphenol	7.21	107	69548	41.606	ng	#	90
18) Hexachloroethane	7.45	117	17637	21.684	ng	#	84
19) n-Nitroso-di-n-propylamine	7.35	70	59089	40.307	ng		96
20) 3+4-Methylphenols	7.37	107	91617	53.635	ng		92
22) Acetophenone	7.35	105	115571	52.132	ng	#	97
24) Nitrobenzene	7.54	77	85863	47.167	ng		100
25) Isophorone	7.77	82	159107	50.639	ng		99
26) 2-Nitrophenol	7.85	139	29814	34.693	ng		96
27) 2,4-Dimethylphenol	7.89	122	73567	55.385	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	103712	49.162	ng		98
29) 2,4-Dichlorophenol	8.10	162	69814	50.204	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	77918	50.863	ng		97
31) Naphthalene	8.25	128	225003	48.568	ng		99
32) Benzoic acid	8.02	122	29680	32.782	ng		93
33) 4-Chloroaniline	8.31	127	63696	32.767	ng		98
34) Hexachlorobutadiene	8.35	225	53426	53.522	ng		97
35) Caprolactam	8.68	113	21154	46.667	ng		92
36) 4-Chloro-3-methylphenol	8.80	107	68393	46.726	ng		97
37) 2-Methylnaphthalene	8.95	142	159533	51.953	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	81788	51.678	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	47859	45.493	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	48922	44.566	ng	#	87
45) 1,1'-Biphenyl	9.41	154	190507	50.866	ng		97
46) 2-Chloronaphthalene	9.44	162	137108	46.508	ng		94
47) 2-Nitroaniline	9.54	65	50325	50.764	ng		97
48) Acenaphthylene	9.86	152	220311	47.334	ng		99
49) Dimethylphthalate	9.70	163	161486	45.816	ng		98
50) 2,6-Dinitrotoluene	9.78	165	28448	38.115	ng		96
51) Acenaphthene	10.03	154	130995	44.694	ng		98
52) 3-Nitroaniline	9.96	138	46401	54.026	ng		94
54) Dibenzofuran	10.20	168	201552	50.220	ng		96
55) 4-Nitrophenol	10.14	139	38145	63.628	ng		96
56) 2,4-Dinitrotoluene	10.20	165	32672	33.537	ng		93
57) Fluorene	10.55	166	163328	51.285	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	45468	52.106	ng	#	77
59) Diethylphthalate	10.40	149	158798	46.679	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	83935	50.371	ng	#	83
61) 4-Nitroaniline	10.58	138	50405	59.135	ng		95
62) Azobenzene	10.69	77	147087	43.906	ng		96
65) n-Nitrosodiphenylamine	10.65	169	140528	42.106	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	57466	48.527	ng	#	76
67) Hexachlorobenzene	11.10	284	61165	49.350	ng	#	81
68) Atrazine	11.18	200	42140	39.718	ng		94
69) Pentachlorophenol	11.31	266	26243	42.435	ng		98
70) Phenanthrene	11.52	178	252530	52.766	ng		99
71) Anthracene	11.57	178	262965	53.832	ng		99
72) Carbazole	11.73	167	238617	52.174	ng		98
73) Di-n-butylphthalate	12.03	149	261157	48.470	ng		98
74) Fluoranthene	12.71	202	294073	55.749	ng		96
76) Benzidine	12.84	184	251649	119.761	ng		97
77) Pyrene	12.95	202	287941	59.182	ng		99
79) Butylbenzylphthalate	13.54	149	117760	58.869	ng	#	98
80) Benzo(a)anthracene	14.14	228	224430	49.909	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	86255	54.577	ng	#	97
82) Chrysene	14.18	228	211937	51.230	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	149408	58.421	ng	#	97
84) Di-n-octyl phthalate	14.71	149	235722	56.545	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	183275	52.204	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	172920	49.392	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	164063	49.209	ng	#	95
89) Benzo(a)pyrene	15.62	252	160395	51.536	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	154236	58.475	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	150668	58.442	ng	#	90

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

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