Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106910.D
Acq On : 28 Jun 2018 9:04
Operator : JU/SJ
Sample : PB110635BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110635BSD

Quant Time: Jun 28 11:50:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	47654	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	172537	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	76858	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	128846	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	128669	20.00	ng		-0.02
86) Perylene-d12	15.68	264	94791	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	247321	87.88	ng		0.00
7) Phenol-d6	6.60	99	303250	86.29	ng		-0.01
23) Nitrobenzene-d5	7.52	82	276528	89.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	79377	89.11	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	498557	115.00	ng		-0.01
78) Terphenyl-d14	13.07	244	500536	94.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	47070	32.533	ng		100
3) Pyridine	3.64	79	139451	35.539	ng		97
4) n-Nitrosodimethylamine	3.62	42	58609	35.167	ng		86
6) Aniline	6.62	93	157478	33.033	ng		97
8) 2-Chlorophenol	6.75	128	133788	43.343	ng		99
9) Benzaldehyde	6.51	77	76369	29.802	ng		94
10) Phenol	6.62	94	165222	41.194	ng	#	74
11) bis(2-Chloroethyl)ether	6.69	93	132017	39.871	ng		99
12) 1,3-Dichlorobenzene	6.90	146	154378	42.702	ng		98
13) 1,4-Dichlorobenzene	6.97	146	155511	42.548	ng		99
14) 1,2-Dichlorobenzene	7.12	146	142832	42.641	ng		99
15) Benzyl Alcohol	7.10	79	112169	39.749	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	179420	41.300	ng		63
17) 2-Methylphenol	7.22	107	112059	42.422	ng	#	90
18) Hexachloroethane	7.47	117	47651	37.073	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	87134	37.613	ng		94
20) 3+4-Methylphenols	7.37	107	132360	47.004	ng	#	80
22) Acetophenone	7.37	105	175679	45.512	ng	#	94
24) Nitrobenzene	7.54	77	138431	43.673	ng		99
25) Isophorone	7.78	82	255276	46.661	ng		99
26) 2-Nitrophenol	7.85	139	71210	47.590	ng		100
27) 2,4-Dimethylphenol	7.90	122	118797	51.365	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	162966	44.365	ng		99
29) 2,4-Dichlorophenol	8.10	162	118193	48.813	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	131203	49.187	ng		98
31) Naphthalene	8.26	128	371550	46.060	ng		100
32) Benzoic acid	8.02	122	66245	40.407	ng		98
33) 4-Chloroaniline	8.31	127	72223	21.338	ng		98
34) Hexachlorobutadiene	8.37	225	86466	49.748	ng		98
35) Caprolactam	8.69	113	33670	42.659	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	114083	44.762	ng		93
37) 2-Methylnaphthalene	8.95	142	262274	49.053	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	138045	53.334	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	16820	12.631	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	79557	46.240	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	80629	44.911	ng		90
45) 1,1'-Biphenyl	9.42	154	312340	50.993	ng		97
46) 2-Chloronaphthalene	9.45	162	223455	46.346	ng		94
47) 2-Nitroaniline	9.55	65	65354	40.310	ng		93
48) Acenaphthylene	9.86	152	340336	44.710	ng		99
49) Dimethylphthalate	9.71	163	273426	47.433	ng		98
50) 2,6-Dinitrotoluene	9.78	165	58588	47.998	ng		88
51) Acenaphthene	10.03	154	201605	42.059	ng		98
52) 3-Nitroaniline	9.95	138	40058	28.518	ng		99
53) 2,4-Dinitrophenol	10.07	184	16785	30.031	ng	#	18
54) Dibenzofuran	10.21	168	309132	47.098	ng		95
55) 4-Nitrophenol	10.14	139	59492	60.678	ng		95
56) 2,4-Dinitrotoluene	10.19	165	72062	45.229	ng		88
57) Fluorene	10.55	166	230885	44.329	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	64800	45.406	ng	#	79
59) Diethylphthalate	10.41	149	243511	43.768	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	124991	45.865	ng	#	83
61) 4-Nitroaniline	10.57	138	42617	30.571	ng		96
62) Azobenzene	10.70	77	211500	38.603	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	17011	21.358	ng	#	71
65) n-Nitrosodiphenylamine	10.65	169	201611	46.521	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	79554	51.736	ng	#	82
67) Hexachlorobenzene	11.10	284	81235	50.475	ng	#	84
68) Atrazine	11.18	200	69982	50.796	ng		97
69) Pentachlorophenol	11.30	266	52314	65.145	ng		98
70) Phenanthrene	11.52	178	305562	49.169	ng		99
71) Anthracene	11.57	178	312854	49.321	ng		100
72) Carbazole	11.72	167	274287	46.186	ng		98
73) Di-n-butylphthalate	12.04	149	317613	45.397	ng		98
74) Fluoranthene	12.71	202	350712	51.202	ng		95
76) Benzidine	12.83	184	251161	68.540	ng		98
77) Pyrene	12.94	202	359105	42.323	ng		99
79) Butylbenzylphthalate	13.54	149	139490	39.985	ng	#	92
80) Benzo(a)anthracene	14.14	228	366759	46.768	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	121921	44.236	ng	#	96
82) Chrysene	14.17	228	347640	48.186	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	179154	40.169	ng	#	96
84) Di-n-octyl phthalate	14.72	149	344334	47.364	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	239377	39.098	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	315327	53.551	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	269208	48.009	ng	#	95
89) Benzo(a)pyrene	15.62	252	259160	49.509	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	200405	45.174	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	199418	45.990	ng	#	90

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

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