Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107850.D
Acq On : 31 Jul 2018 15:39
Operator : JU/SJ
Sample : PB111618BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111618BS

Quant Time: Jul 31 16:38:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162995	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	652292	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	288957	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	531951	20.00	ng		0.00
75) Chrysene-d12	14.15	240	321499	20.00	ng		0.00
86) Perylene-d12	15.69	264	415459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1300241	135.58	ng		0.01
7) Phenol-d6	6.61	99	1510319	119.49	ng		0.00
23) Nitrobenzene-d5	7.53	82	1015098	89.65	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	465580	118.58	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1876230	90.48	ng		0.00
78) Terphenyl-d14	13.08	244	1569228	105.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	147554	34.628	ng		85
3) Pyridine	3.66	79	349350	33.242	ng		90
4) n-Nitrosodimethylamine	3.62	42	113651	23.290	ng		97
6) Aniline	6.64	93	485562	36.934	ng	#	67
8) 2-Chlorophenol	6.76	128	481928	40.004	ng		99
9) Benzaldehyde	6.52	77	200802	26.331	ng		96
10) Phenol	6.62	94	524685	34.809	ng		84
11) bis(2-Chloroethyl)ether	6.70	93	419918	31.330	ng		96
12) 1,3-Dichlorobenzene	6.90	146	495104	39.185	ng		97
13) 1,4-Dichlorobenzene	6.98	146	545909	38.813	ng		98
14) 1,2-Dichlorobenzene	7.13	146	493376	37.789	ng		99
15) Benzyl Alcohol	7.11	79	340608	43.355	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	757410	39.304	ng		63
17) 2-Methylphenol	7.22	107	382263	42.984	ng	#	82
18) Hexachloroethane	7.47	117	187037	36.996	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	322477	40.219	ng		97
20) 3+4-Methylphenols	7.38	107	498402	45.648	ng	#	67
22) Acetophenone	7.37	105	681750	43.442	ng	#	92
24) Nitrobenzene	7.55	77	478604	40.312	ng		99
25) Isophorone	7.78	82	909594	48.940	ng		98
26) 2-Nitrophenol	7.87	139	276145	46.346	ng		97
27) 2,4-Dimethylphenol	7.90	122	415981	52.146	ng		96
28) bis(2-Chloroethoxy)methane	7.99	93	596629	48.711	ng		98
29) 2,4-Dichlorophenol	8.11	162	408807	45.305	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	429613	41.734	ng		99
31) Naphthalene	8.27	128	1424491	46.980	ng		99
32) Benzoic acid	8.04	122	217079	40.455	ng		97
33) 4-Chloroaniline	8.32	127	371926	28.717	ng		98
34) Hexachlorobutadiene	8.37	225	252545	39.701	ng		99
35) Caprolactam	8.70	113	115433	42.495	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	430933	43.974	ng		100
37) 2-Methylnaphthalene	8.96	142	956320	50.210	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	452781	45.958	ng		98
40) Hexachlorocyclopentadiene	9.10	237	405310	94.128	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	264940	48.644	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	304747	46.477	ng		97
45) 1,1'-Biphenyl	9.42	154	1175189	44.690	ng		98
46) 2-Chloronaphthalene	9.45	162	879070	44.329	ng		97
47) 2-Nitroaniline	9.56	65	279792	43.377	ng		95
48) Acenaphthylene	9.87	152	1393674	45.333	ng		99
49) Dimethylphthalate	9.72	163	951569	43.849	ng		99
50) 2,6-Dinitrotoluene	9.79	165	208713	44.256	ng	#	90
51) Acenaphthene	10.04	154	763660	42.762	ng		99
52) 3-Nitroaniline	9.98	138	161204	27.126	ng		96
53) 2,4-Dinitrophenol	10.08	184	183271	74.396	ng	#	25
54) Dibenzofuran	10.21	168	1193121	43.225	ng		98
55) 4-Nitrophenol	10.15	139	181332	66.599	ng		90
56) 2,4-Dinitrotoluene	10.20	165	252489	40.734	ng	#	92
57) Fluorene	10.55	166	944344	44.022	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	269183	44.697	ng	#	81
59) Diethylphthalate	10.42	149	952827	40.837	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	470013	40.220	ng		91
61) 4-Nitroaniline	10.60	138	186482	35.360	ng		93
62) Azobenzene	10.71	77	918417	42.265	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	117037	40.442	ng		93
65) n-Nitrosodiphenylamine	10.67	169	810088	46.249	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	278792	44.965	ng	#	87
67) Hexachlorobenzene	11.10	284	300982	43.777	ng	#	91
68) Atrazine	11.19	200	222686	42.956	ng		96
69) Pentachlorophenol	11.31	266	250487	74.008	ng		100
70) Phenanthrene	11.52	178	1197790	47.421	ng		99
71) Anthracene	11.58	178	1383922	47.502	ng		100
72) Carbazole	11.74	167	1131956	39.316	ng		99
73) Di-n-butylphthalate	12.04	149	1340172	42.667	ng		100
74) Fluoranthene	12.72	202	1199585	40.426	ng		97
76) Benzidine	12.85	184	463932	44.631	ng		97
77) Pyrene	12.95	202	1152952	49.802	ng		99
79) Butylbenzylphthalate	13.55	149	462108	45.582	ng		92
80) Benzo(a)anthracene	14.14	228	865863	47.544	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	311913	44.182	ng		98
82) Chrysene	14.18	228	958535	48.797	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	596440	46.799	ng		99
84) Di-n-octyl phthalate	14.72	149	1077113	52.653	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1331490	89.115	ng		94
87) Benzo(b)fluoranthene	15.23	252	881182	43.005	ng		98
88) Benzo(k)fluoranthene	15.26	252	1058904	42.092	ng		97
89) Benzo(a)pyrene	15.62	252	1006973	47.604	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	1094328	59.308	ng		97
91) Benzo(g,h,i)perylene	17.76	276	1136471	63.654	ng		95

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

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