Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106909.D
Acq On : 28 Jun 2018 8:38
Operator : JU/SJ
Sample : PB110635BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Manual Integrations APPROVED
Sohil
6/28/2018 2:21:43 PM

Quant Time: Jun 28 11:48:54 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	46253	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	166531	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	74902	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	122302	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	122936	20.00	ng		-0.02
86) Perylene-d12	15.68	264	90582	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	239868	87.82	ng		0.00
7) Phenol-d6	6.60	99	297635	87.25	ng		-0.01
23) Nitrobenzene-d5	7.52	82	270959	90.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	76915	88.60	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	490927	116.39	ng		-0.01
78) Terphenyl-d14	13.07	244	489238	96.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	43517	30.988	ng		99
3) Pyridine	3.64	79	133690	35.103	ng		97
4) n-Nitrosodimethylamine	3.61	42	56198	34.742	ng		89
6) Aniline	6.62	93	153935	33.268	ng		96
8) 2-Chlorophenol	6.75	128	128138	42.770	ng		100
9) Benzaldehyde	6.51	77	73519	29.494	ng		96
10) Phenol	6.62	94	156933	40.313	ng	#	71
11) bis(2-Chloroethyl)ether	6.69	93	124310	38.680	ng		99
12) 1,3-Dichlorobenzene	6.90	146	148484	42.316	ng		97
13) 1,4-Dichlorobenzene	6.97	146	149192	42.055	ng		99
14) 1,2-Dichlorobenzene	7.12	146	136405	41.956	ng		99
15) Benzyl Alcohol	7.10	79	107113	39.107	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	173364	41.115	ng		68
17) 2-Methylphenol	7.22	107	108075	42.153	ng	#	89
18) Hexachloroethane	7.47	117	45609	36.560	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	83509	37.140	ng		94
20) 3+4-Methylphenols	7.37	107	127437	46.470	ng	#	65
22) Acetophenone	7.37	105	167180	44.872	ng	#	95
24) Nitrobenzene	7.54	77	132050	43.162	ng		100
25) Isophorone	7.78	82	243085	46.035	ng		99
26) 2-Nitrophenol	7.85	139	67937	47.040	ng		99
27) 2,4-Dimethylphenol	7.90	122	114580	51.328	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	155191	43.772	ng		99
29) 2,4-Dichlorophenol	8.10	162	111677	47.785	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	124394	48.317	ng		99
31) Naphthalene	8.26	128	355568	45.669	ng		99
32) Benzoic acid	8.02	122	61649	39.165	ng		97
33) 4-Chloroaniline	8.31	127	79561	24.354	ng		98
34) Hexachlorobutadiene	8.37	225	81601	48.642	ng		98
35) Caprolactam	8.69	113	32969	43.277	ng		92
36) 4-Chloro-3-methylphenol	8.80	107	111932	45.502	ng		100
37) 2-Methylnaphthalene	8.95	142	251273	48.690	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	131918	52.297	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	13718	10.570	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	76981	45.912 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	78322	44.765 ng	#	89
45) 1,1'-Biphenyl	9.42	154	299764	50.217 ng		97
46) 2-Chloronaphthalene	9.45	162	211539	45.021 ng		94
47) 2-Nitroaniline	9.55	65	63493	40.185 ng		96
48) Acenaphthylene	9.86	152	328667	44.305 ng		99
49) Dimethylphthalate	9.71	163	265373	47.238 ng		99
50) 2,6-Dinitrotoluene	9.78	165	56444	47.449 ng		89
51) Acenaphthene	10.03	154	194731	41.686 ng		97
52) 3-Nitroaniline	9.95	138	40091	29.287 ng		99
53) 2,4-Dinitrophenol	10.07	184	15091	28.120 ng	#	19
54) Dibenzofuran	10.21	168	298155	46.611 ng		95
55) 4-Nitrophenol	10.14	139	56802	59.447 ng		95
56) 2,4-Dinitrotoluene	10.19	165	69182	44.555 ng	#	87
57) Fluorene	10.55	166	224996	44.326 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	62550	44.974 ng	#	78
59) Diethylphthalate	10.41	149	235621	43.456 ng		95
60) 4-Chlorophenyl-phenylether	10.54	204	120697	45.446 ng	#	84
61) 4-Nitroaniline	10.57	138	42587	31.348 ng		97
62) Azobenzene	10.70	77	202144	37.859 ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	15901	21.033 ng	#	69
65) n-Nitrosodiphenylamine	10.65	169	195857	47.611 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	77689	53.226 ng	#	83
67) Hexachlorobenzene	11.09	284	78492	51.380 ng	#	87
68) Atrazine	11.18	200	67185	51.375 ng		97
69) Pentachlorophenol	11.29	266	51019	66.932 ng		98
70) Phenanthrene	11.51	178	295734	50.134 ng		99
71) Anthracene	11.57	178	300217	49.862 ng		99
72) Carbazole	11.72	167	261858	46.452 ng		98
73) Di-n-butylphthalate	12.04	149	309577	46.616 ng		99
74) Fluoranthene	12.71	202	337999	51.986 ng		96
76) Benzidine	12.83	184	231019	65.983 ng		97
77) Pyrene	12.94	202	342203	42.212 ng		100
79) Butylbenzylphthalate	13.54	149	132698	39.812 ng	#	93
80) Benzo(a)anthracene	14.14	228	355229	47.411 ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	119840	45.509 ng	#	95
82) Chrysene	14.17	228	335311	48.644 ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	171379	40.218 ng	#	98
84) Di-n-octyl phthalate	14.72	149	330923	47.642 ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	230248	39.361 ng	#	89
87) Benzo(b)fluoranthene	15.22	252	290737m	51.669 ng		
88) Benzo(k)fluoranthene	15.26	252	275405	51.396 ng	#	95
89) Benzo(a)pyrene	15.62	252	249690	49.916 ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	193128	45.557 ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	188486	45.489 ng	#	91

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

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