Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109781.D
Acq On : 11 Oct 2018 9:58
Operator : JU/SJ
Sample : PB113623BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113623BS

Manual Integrations APPROVED
Sohil
10/11/2018 2:03:07 PM

Quant Time: Oct 11 11:27:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	93184	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	371527	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	180420	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	337574	20.00	ng		0.00
75) Chrysene-d12	13.83	240	228741	20.00	ng		0.00
86) Perylene-d12	15.23	264	221255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	505574	96.31	ng		0.00
7) Phenol-d6	6.35	99	664058	94.69	ng		0.00
23) Nitrobenzene-d5	7.26	82	646343	95.90	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	187527	95.39	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1205576	92.03	ng		0.00
78) Terphenyl-d14	12.79	244	1118691	94.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	90492	32.844	ng		95
3) Pyridine	3.12	79	215955	37.992	ng		98
4) n-Nitrosodimethylamine	3.06	42	105086	51.219	ng		96
6) Aniline	6.37	93	209158	25.602	ng	#	49
8) 2-Chlorophenol	6.49	128	310909	48.155	ng		98
9) Benzaldehyde	6.24	77	142316	31.536	ng		100
10) Phenol	6.36	94	347674	43.234	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	256752	38.511	ng		98
12) 1,3-Dichlorobenzene	6.63	146	317994	43.062	ng		98
13) 1,4-Dichlorobenzene	6.71	146	344350	42.779	ng		98
14) 1,2-Dichlorobenzene	6.87	146	306410	43.344	ng		98
15) Benzyl Alcohol	6.85	79	245889	47.294	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	383983	43.436	ng		87
17) 2-Methylphenol	6.97	107	237961	46.607	ng		97
18) Hexachloroethane	7.20	117	120114	42.216	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	217495	44.224	ng		98
20) 3+4-Methylphenols	7.12	107	297069	47.219	ng		93
22) Acetophenone	7.11	105	442029	49.201	ng		99
24) Nitrobenzene	7.28	77	323121	46.073	ng		98
25) Isophorone	7.52	82	604068	53.973	ng		98
26) 2-Nitrophenol	7.60	139	153138	46.682	ng		98
27) 2,4-Dimethylphenol	7.65	122	264811	55.901	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	377829	49.909	ng		99
29) 2,4-Dichlorophenol	7.85	162	270578	50.923	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	268376	45.626	ng		98
31) Naphthalene	8.00	128	900632	52.417	ng		99
32) Benzoic acid	7.80	122	112099	33.098	ng		99
33) 4-Chloroaniline	8.06	127	93746	12.390	ng		97
34) Hexachlorobutadiene	8.12	225	163210	44.626	ng		98
35) Caprolactam	8.44	113	83203m	52.433	ng		
36) 4-Chloro-3-methylphenol	8.56	107	293148	52.265	ng		97
37) 2-Methylnaphthalene	8.69	142	595584	52.918	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	282143	45.940	ng		99
40) Hexachlorocyclopentadiene	8.85	237	140302	54.678	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	175539	47.813	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	202465	47.962	ng		100
45) 1,1'-Biphenyl	9.15	154	741494	46.005	ng		99
46) 2-Chloronaphthalene	9.18	162	564123	46.717	ng		99
47) 2-Nitroaniline	9.28	65	185774	50.809	ng		97
48) Acenaphthylene	9.59	152	898989	51.067	ng		99
49) Dimethylphthalate	9.46	163	693386	52.402	ng		99
50) 2,6-Dinitrotoluene	9.52	165	146754	51.164	ng		99
51) Acenaphthene	9.76	154	499375	47.852	ng		98
52) 3-Nitroaniline	9.69	138	79116	24.607	ng		96
53) 2,4-Dinitrophenol	9.80	184	50298	54.352	ng		95
54) Dibenzofuran	9.93	168	750687	47.989	ng		98
55) 4-Nitrophenol	9.87	139	163374	92.831	ng		87
56) 2,4-Dinitrotoluene	9.93	165	182744	51.053	ng		90
57) Fluorene	10.27	166	604915	51.782	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	168470	49.096	ng		97
59) Diethylphthalate	10.16	149	688165	52.489	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	291912	47.366	ng		95
61) 4-Nitroaniline	10.31	138	139105	46.717	ng		99
62) Azobenzene	10.43	77	680281	51.097	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	50261	30.590	ng		94
65) n-Nitrosodiphenylamine	10.39	169	571854	49.970	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	188962	48.717	ng		93
67) Hexachlorobenzene	10.82	284	197472	47.016	ng	#	90
68) Atrazine	10.92	200	194860	54.561	ng		99
69) Pentachlorophenol	11.02	266	173704	73.497	ng		98
70) Phenanthrene	11.23	178	864205	51.156	ng		99
71) Anthracene	11.28	178	933573	53.459	ng		99
72) Carbazole	11.44	167	813714	48.043	ng		99
73) Di-n-butylphthalate	11.77	149	1062626	54.093	ng		99
74) Fluoranthene	12.41	202	878015	49.750	ng		99
76) Benzidine	12.54	184	341337	40.170	ng		96
77) Pyrene	12.64	202	845666	50.460	ng		99
79) Butylbenzylphthalate	13.26	149	410622	56.513	ng		99
80) Benzo(a)anthracene	13.82	228	648986	51.414	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	153853	30.270	ng		99
82) Chrysene	13.86	228	704561	53.139	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	519603	58.615	ng		100
84) Di-n-octyl phthalate	14.42	149	880926	62.870	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	575070	60.596	ng		100
87) Benzo(b)fluoranthene	14.84	252	620860	50.778	ng		98
88) Benzo(k)fluoranthene	14.87	252	650012	52.911	ng		99
89) Benzo(a)pyrene	15.17	252	591849	53.341	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	482626	52.962	ng		98
91) Benzo(g,h,i)perylene	16.99	276	465409	51.145	ng		99

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

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