Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109872.D
Acq On : 13 Oct 2018 9:09
Operator : JU/SJ
Sample : PB113699BSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113699BSD

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:54 AM

Quant Time: Oct 15 08:04:32 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	6.69	152	100227	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	375030	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	162859	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	253231	20.00	ng		0.00
75) Chrysene-d12	13.83	240	180311	20.00	ng		0.00
86) Perylene-d12	15.23	264	147931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	560422	99.25	ng		0.00
7) Phenol-d6	6.35	99	711682	94.35	ng		0.00
23) Nitrobenzene-d5	7.26	82	696372	102.36	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	150992	85.09	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1204357	101.85	ng		0.00
78) Terphenyl-d14	12.78	244	845082	90.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	95283	32.153	ng		98
3) Pyridine	3.19	79	223890	36.620	ng		99
4) n-Nitrosodimethylamine	3.14	42	104299	47.264	ng		94
6) Aniline	6.37	93	179526	20.431	ng	#	79
8) 2-Chlorophenol	6.49	128	310248	44.676	ng		100
9) Benzaldehyde	6.24	77	145930	30.064	ng		99
10) Phenol	6.36	94	353741	40.897	ng	#	77
11) bis(2-Chloroethyl)ether	6.43	93	265611	37.040	ng		98
12) 1,3-Dichlorobenzene	6.63	146	329073	41.431	ng		98
13) 1,4-Dichlorobenzene	6.71	146	360483	41.636	ng		99
14) 1,2-Dichlorobenzene	6.86	146	317112	41.705	ng		99
15) Benzyl Alcohol	6.85	79	246602	44.099	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	396654	41.716	ng		97
17) 2-Methylphenol	6.97	107	238019	43.342	ng		99
18) Hexachloroethane	7.20	117	121780	39.793	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	223579	42.266	ng		98
20) 3+4-Methylphenols	7.12	107	301221	44.514	ng		95
22) Acetophenone	7.11	105	448502	49.455	ng	#	99
24) Nitrobenzene	7.28	77	322981	45.623	ng		97
25) Isophorone	7.52	82	598865	53.008	ng		99
26) 2-Nitrophenol	7.60	139	153057	46.222	ng		97
27) 2,4-Dimethylphenol	7.65	122	257248	53.797	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	378654	49.551	ng		100
29) 2,4-Dichlorophenol	7.85	162	255167	47.574	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	271257	45.685	ng		99
31) Naphthalene	8.00	128	880967	50.793	ng		100
32) Benzoic acid	7.80	122	146106	42.736	ng		95
33) 4-Chloroaniline	8.06	127	66588	8.718	ng		96
34) Hexachlorobutadiene	8.12	225	167706	45.427	ng		99
35) Caprolactam	8.44	113	75482m	47.123	ng		
36) 4-Chloro-3-methylphenol	8.55	107	252799	44.651	ng		99
37) 2-Methylnaphthalene	8.69	142	557051	49.032	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	262052	47.270	ng		99
40) Hexachlorocyclopentadiene	8.84	237	75987	35.688	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	156450	47.208	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	179453	47.095	ng		98
45) 1,1'-Biphenyl	9.15	154	675195	46.408	ng		99
46) 2-Chloronaphthalene	9.17	162	504796	46.312	ng		97
47) 2-Nitroaniline	9.28	65	159095	48.204	ng		92
48) Acenaphthylene	9.59	152	775404	48.796	ng		99
49) Dimethylphthalate	9.46	163	610756	51.134	ng		99
50) 2,6-Dinitrotoluene	9.52	165	124453	48.068	ng		90
51) Acenaphthene	9.76	154	433713	46.041	ng		99
52) 3-Nitroaniline	9.69	138	61211	21.091	ng		99
53) 2,4-Dinitrophenol	9.80	184	42526	50.909	ng		91
54) Dibenzofuran	9.93	168	640481	45.359	ng		99
55) 4-Nitrophenol	9.87	139	114622	72.152	ng		89
56) 2,4-Dinitrotoluene	9.93	165	147071	45.518	ng	#	89
57) Fluorene	10.27	166	498597	47.283	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130760	42.215	ng		98
59) Diethylphthalate	10.15	149	582176	49.193	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	249453	44.841	ng		99
61) 4-Nitroaniline	10.30	138	95396	35.492	ng		98
62) Azobenzene	10.42	77	551198	45.866	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	29606	24.020	ng		82
65) n-Nitrosodiphenylamine	10.39	169	465594	54.236	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	150849	51.844	ng		96
67) Hexachlorobenzene	10.82	284	148349	47.084	ng		97
68) Atrazine	10.91	200	146913	54.837	ng		99
69) Pentachlorophenol	11.02	266	129318	72.940	ng		98
70) Phenanthrene	11.23	178	625002	49.319	ng		100
71) Anthracene	11.28	178	686036	52.369	ng		99
72) Carbazole	11.44	167	585460	46.079	ng		100
73) Di-n-butylphthalate	11.76	149	768658	52.161	ng		100
74) Fluoranthene	12.41	202	608146	45.936	ng		98
76) Benzidine	12.54	184	302354	45.140	ng		97
77) Pyrene	12.63	202	595751	45.096	ng		99
79) Butylbenzylphthalate	13.25	149	272141	47.514	ng		97
80) Benzo(a)anthracene	13.82	228	493372	49.584	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	177499	44.302	ng		99
82) Chrysene	13.86	228	525740	50.302	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	362356	51.855	ng		98
84) Di-n-octyl phthalate	14.42	149	634837	57.476	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	355120	47.470	ng		100
87) Benzo(b)fluoranthene	14.83	252	437793	53.553	ng		98
88) Benzo(k)fluoranthene	14.86	252	419859	51.116	ng		98
89) Benzo(a)pyrene	15.17	252	387592	52.246	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	299468	49.152	ng		98
91) Benzo(g,h,i)perylene	16.98	276	290210	47.700	ng		99

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

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