Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109375.D
Acq On : 27 Sep 2018 8:53
Operator : JU/SJ
Sample : PB113192BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113192BS

Manual Integrations APPROVED
Sohil
9/27/2018 1:31:43 PM

Quant Time: Sep 27 11:42:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112421	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	424454	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	197292	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	337678	20.00	ng		0.00
75) Chrysene-d12	13.85	240	251622	20.00	ng		0.00
86) Perylene-d12	15.24	264	236519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	563857	82.61	ng		0.00
7) Phenol-d6	6.35	99	723088	83.02	ng		0.00
23) Nitrobenzene-d5	7.27	82	659468	91.72	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	168986	86.89	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1165698	89.11	ng		0.00
78) Terphenyl-d14	12.80	244	996946	97.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	106329	33.825	ng		92
3) Pyridine	3.13	79	286213	35.376	ng		90
4) n-Nitrosodimethylamine	3.06	42	142363	41.347	ng	#	98
6) Aniline	6.37	93	166756	14.965	ng	#	11
8) 2-Chlorophenol	6.49	128	302539	39.859	ng		99
9) Benzaldehyde	6.25	77	154493	27.612	ng		96
10) Phenol	6.36	94	363208	36.824	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	285214	36.955	ng		97
12) 1,3-Dichlorobenzene	6.65	146	329757	37.734	ng		99
13) 1,4-Dichlorobenzene	6.73	146	331853	37.693	ng		98
14) 1,2-Dichlorobenzene	6.88	146	309317	38.085	ng		99
15) Benzyl Alcohol	6.85	79	267340	40.101	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	402596	36.775	ng		91
17) 2-Methylphenol	6.97	107	248421	40.450	ng		96
18) Hexachloroethane	7.22	117	117221	37.791	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	213579	37.424	ng		99
20) 3+4-Methylphenols	7.13	107	301322	40.638	ng		91
22) Acetophenone	7.12	105	420871	42.888	ng	#	96
24) Nitrobenzene	7.29	77	323252	42.282	ng		98
25) Isophorone	7.53	82	583273	45.048	ng		98
26) 2-Nitrophenol	7.61	139	152804	50.540	ng		96
27) 2,4-Dimethylphenol	7.65	122	267594	47.431	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	366136	42.718	ng		99
29) 2,4-Dichlorophenol	7.85	162	255411	43.089	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	263373	39.764	ng		96
31) Naphthalene	8.01	128	855586	43.136	ng		99
32) Benzoic acid	7.78	122	184415	48.088	ng		97
33) 4-Chloroaniline	8.06	127	60640	6.998	ng		99
34) Hexachlorobutadiene	8.13	225	158643	39.731	ng		98
35) Caprolactam	8.44	113	81384m	43.004	ng		
36) 4-Chloro-3-methylphenol	8.56	107	270486	43.365	ng		98
37) 2-Methylnaphthalene	8.70	142	578693	45.258	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	266022	42.368	ng		98
40) Hexachlorocyclopentadiene	8.86	237	126044	46.024	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	180973	44.908	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	190288	44.710	ng	#	95
45) 1,1'-Biphenyl	9.17	154	690713	42.969	ng		98
46) 2-Chloronaphthalene	9.19	162	525988	40.959	ng		97
47) 2-Nitroaniline	9.29	65	161829	44.448	ng		97
48) Acenaphthylene	9.60	152	840852	43.404	ng		99
49) Dimethylphthalate	9.47	163	637549	44.429	ng		100
50) 2,6-Dinitrotoluene	9.53	165	134148	47.202	ng		97
51) Acenaphthene	9.77	154	482231	41.172	ng		99
52) 3-Nitroaniline	9.69	138	70624	21.458	ng		94
53) 2,4-Dinitrophenol	9.80	184	56177	58.321	ng	#	16
54) Dibenzofuran	9.95	168	711161	40.827	ng		98
55) 4-Nitrophenol	9.86	139	191152	77.098	ng		89
56) 2,4-Dinitrotoluene	9.93	165	168921	46.975	ng	#	94
57) Fluorene	10.29	166	518022	41.681	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	147615	43.804	ng		89
59) Diethylphthalate	10.17	149	607473	41.805	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	257317	39.640	ng		94
61) 4-Nitroaniline	10.30	138	116063	36.160	ng		98
62) Azobenzene	10.44	77	587356	38.904	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	40901	32.672	ng		80
65) n-Nitrosodiphenylamine	10.40	169	505605	45.318	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	169444	45.188	ng		91
67) Hexachlorobenzene	10.83	284	168729	42.368	ng		94
68) Atrazine	10.93	200	162904	47.477	ng		97
69) Pentachlorophenol	11.03	266	170022	71.331	ng		97
70) Phenanthrene	11.24	178	738275	43.788	ng		99
71) Anthracene	11.29	178	753076	44.038	ng		99
72) Carbazole	11.45	167	663934	39.022	ng		99
73) Di-n-butylphthalate	11.79	149	877216	44.785	ng		99
74) Fluoranthene	12.42	202	732755	40.668	ng		97
76) Benzidine	12.55	184	297752	32.820	ng		98
77) Pyrene	12.65	202	742069	41.150	ng		98
79) Butylbenzylphthalate	13.27	149	332108	43.288	ng		96
80) Benzo(a)anthracene	13.83	228	647912	42.750	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	237726	41.273	ng	#	97
82) Chrysene	13.87	228	639014	42.539	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	412824	42.666	ng		99
84) Di-n-octyl phthalate	14.45	149	787542	47.603	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	489526	40.204	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	628970	48.395	ng		97
88) Benzo(k)fluoranthene	14.87	252	541332	43.894	ng		98
89) Benzo(a)pyrene	15.19	252	531572	45.391	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	404512	42.103	ng		96
91) Benzo(g,h,i)perylene	17.00	276	394339	41.762	ng	#	92

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

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