Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098456.D
Acq On : 12 Sep 2017 17:59
Operator : SJ/JU
Sample : PB102209BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:07 PM

Quant Time: Sep 13 01:41:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195250	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	814719	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	354164	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	573550	20.00	ng		0.00
75) Chrysene-d12	13.82	240	361371	20.00	ng		0.00
86) Perylene-d12	15.21	264	314548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1710041	129.49	ng		0.01
7) Phenol-d6	6.32	99	2061212	122.93	ng		0.00
23) Nitrobenzene-d5	7.23	82	1322912	90.52	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	329912	139.57	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2045357	97.88	ng		0.00
78) Terphenyl-d14	12.76	244	1406185	83.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	244573	35.882	ng		90
3) Pyridine	3.06	79	683456	37.758	ng		86
4) n-Nitrosodimethylamine	3.02	42	352012	39.667	ng		95
6) Aniline	6.33	93	684928	32.562	ng	#	40
8) 2-Chlorophenol	6.46	128	609327	41.961	ng		98
9) Benzaldehyde	6.21	77	399773	36.474	ng		91
10) Phenol	6.33	94	770287	39.552	ng		83
11) bis(2-Chloroethyl)ether	6.41	93	611895	41.672	ng		98
12) 1,3-Dichlorobenzene	6.60	146	626115	42.838	ng		98
13) 1,4-Dichlorobenzene	6.68	146	634205	42.362	ng		95
14) 1,2-Dichlorobenzene	6.83	146	576102	42.237	ng		98
15) Benzyl Alcohol	6.82	79	483629	43.341	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	990404	40.994	ng		72
17) 2-Methylphenol	6.94	107	508940	42.981	ng	#	88
18) Hexachloroethane	7.17	117	227884	39.746	ng	#	84
19) n-Nitroso-di-n-propylamine	7.09	70	431845	40.946	ng		97
20) 3+4-Methylphenols	7.09	107	644411	43.124	ng	#	69
22) Acetophenone	7.08	105	867586	41.202	ng	#	93
24) Nitrobenzene	7.25	77	683361	41.052	ng		99
25) Isophorone	7.49	82	1203382	40.699	ng		99
26) 2-Nitrophenol	7.57	139	307770	45.792	ng	#	84
27) 2,4-Dimethylphenol	7.62	122	536262	41.855	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	768589	42.600	ng		99
29) 2,4-Dichlorophenol	7.82	162	479372	44.987	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	508253	43.848	ng		99
31) Naphthalene	7.97	128	1727871	42.901	ng		99
32) Benzoic acid	7.76	122	245237	31.765	ng		98
33) 4-Chloroaniline	8.02	127	558210	34.102	ng		99
34) Hexachlorobutadiene	8.08	225	262609	44.132	ng		97
35) Caprolactam	8.40	113	164296m	44.713	ng		
36) 4-Chloro-3-methylphenol	8.52	107	537123	40.645	ng		85
37) 2-Methylnaphthalene	8.66	142	1112214	45.589	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	464496	42.104	ng		100
40) Hexachlorocyclopentadiene	8.81	237	143083	48.677	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	296986	45.832	ng		92
43) 2,4,5-Trichlorophenol	8.99	196	312586	46.152	ng		94
45) 1,1'-Biphenyl	9.13	154	1304125	41.140	ng		98
46) 2-Chloronaphthalene	9.15	162	988071	43.644	ng		94
47) 2-Nitroaniline	9.25	65	388042	44.657	ng		94
48) Acenaphthylene	9.56	152	1411198	41.924	ng		99
49) Dimethylphthalate	9.43	163	1187555	43.317	ng		99
50) 2,6-Dinitrotoluene	9.50	165	252748	44.882	ng	#	81
51) Acenaphthene	9.73	154	892932	41.731	ng		99
52) 3-Nitroaniline	9.66	138	234525	34.500	ng		97
53) 2,4-Dinitrophenol	9.78	184	43733	23.203	ng	#	77
54) Dibenzofuran	9.90	168	1229706	43.624	ng		97
55) 4-Nitrophenol	9.85	139	330747	84.686	ng	#	51
56) 2,4-Dinitrotoluene	9.90	165	289897	42.343	ng	#	55
57) Fluorene	10.25	166	951071	40.763	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	221667	48.699	ng		95
59) Diethylphthalate	10.13	149	1115688	42.791	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	464372	43.090	ng		88
61) 4-Nitroaniline	10.28	138	267367	38.946	ng		88
62) Azobenzene	10.40	77	1153412	41.046	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	44444	16.291	ng	#	75
65) n-Nitrosodiphenylamine	10.36	169	879073	47.202	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	267384	49.120	ng		97
67) Hexachlorobenzene	10.79	284	247544	44.832	ng	#	84
68) Atrazine	10.89	200	275318	48.020	ng		98
69) Pentachlorophenol	10.99	266	199844	81.610	ng		96
70) Phenanthrene	11.20	178	1344034	44.203	ng		99
71) Anthracene	11.26	178	1368514	43.838	ng		99
72) Carbazole	11.42	167	1184526	40.715	ng		99
73) Di-n-butylphthalate	11.75	149	1575057	45.185	ng		100
74) Fluoranthene	12.39	202	1207349	39.665	ng		97
76) Benzidine	12.52	184	902855	56.453	ng	#	93
77) Pyrene	12.62	202	1207603	42.361	ng		99
79) Butylbenzylphthalate	13.24	149	567480	45.886	ng	#	83
80) Benzo(a)anthracene	13.80	228	915717	43.222	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	362364	44.010	ng	#	95
82) Chrysene	13.84	228	909923	42.488	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	732008	47.162	ng	#	100
84) Di-n-octyl phthalate	14.40	149	1278718	48.018	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	663049	44.129	ng		98
87) Benzo(b)fluoranthene	14.82	252	906963	45.857	ng		98
88) Benzo(k)fluoranthene	14.84	252	791575	42.872	ng		97
89) Benzo(a)pyrene	15.16	252	790822	44.882	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	556191	43.393	ng		96
91) Benzo(g,h,i)perylene	16.96	276	531945	41.262	ng		99

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

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