Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100350.D
Acq On : 9 Nov 2017 19:41
Operator : SJ/JU
Sample : PB104087BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:09 PM

Quant Time: Nov 10 00:59:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163768	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	684068	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	334127	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	653053	20.00	ng		0.00
75) Chrysene-d12	14.07	240	446944	20.00	ng		0.00
86) Perylene-d12	15.54	264	367931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1192594	116.73	ng		0.02
7) Phenol-d6	6.53	99	1482960	117.71	ng		0.01
23) Nitrobenzene-d5	7.47	82	952804	92.09	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	415506	122.04	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1787453	81.46	ng		0.00
78) Terphenyl-d14	13.02	244	1660797	85.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	210863	42.352	ng		94
3) Pyridine	3.57	79	618881	45.562	ng		94
4) n-Nitrosodimethylamine	3.53	42	307232	46.586	ng		94
6) Aniline	6.57	93	358555	20.146	ng		100
8) 2-Chlorophenol	6.69	128	528912	48.937	ng		99
9) Benzaldehyde	6.46	77	329729	36.649	ng		98
10) Phenol	6.55	94	638354m	48.267	ng		
11) bis(2-Chloroethyl)ether	6.64	93	524420	47.208	ng		95
12) 1,3-Dichlorobenzene	6.85	146	586927	47.102	ng		99
13) 1,4-Dichlorobenzene	6.92	146	586646	46.516	ng		98
14) 1,2-Dichlorobenzene	7.07	146	544899	46.729	ng		98
15) Benzyl Alcohol	7.05	79	484565	49.283	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	973264	54.778	ng		98
17) 2-Methylphenol	7.15	107	474781	51.405	ng		99
18) Hexachloroethane	7.42	117	208472	50.134	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	382991	43.836	ng		92
20) 3+4-Methylphenols	7.30	107	558631	47.797	ng	#	87
22) Acetophenone	7.32	105	707603	42.420	ng	#	96
24) Nitrobenzene	7.49	77	581474	54.601	ng		99
25) Isophorone	7.73	82	1108316	50.973	ng		100
26) 2-Nitrophenol	7.80	139	304981	59.614	ng		97
27) 2,4-Dimethylphenol	7.83	122	540719	55.475	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	685006	48.163	ng		99
29) 2,4-Dichlorophenol	8.04	162	500518	53.791	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	485732	48.259	ng		96
31) Naphthalene	8.21	128	1536823	46.643	ng		99
32) Benzoic acid	7.96	122	395231	51.986	ng		99
33) 4-Chloroaniline	8.25	127	98299	7.167	ng		96
34) Hexachlorobutadiene	8.32	225	281884	47.103	ng		97
35) Caprolactam	8.64	113	160545m	50.276	ng		
36) 4-Chloro-3-methylphenol	8.73	107	512853	51.318	ng		99
37) 2-Methylnaphthalene	8.90	142	1064760	48.676	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	462069	41.698	ng		99
40) Hexachlorocyclopentadiene	9.05	237	574344	110.124	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	377379	53.733	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	369096	50.724	ng		92
45) 1,1'-Biphenyl	9.36	154	1260273	43.610	ng		99
46) 2-Chloronaphthalene	9.39	162	995091	47.465	ng		96
47) 2-Nitroaniline	9.49	65	339891	54.469	ng		98
48) Acenaphthylene	9.81	152	1571116	45.220	ng		100
49) Dimethylphthalate	9.67	163	1208672	47.378	ng		99
50) 2,6-Dinitrotoluene	9.73	165	274513	54.362	ng		98
51) Acenaphthene	9.98	154	1059432	50.138	ng		100
52) 3-Nitroaniline	9.89	138	91512	15.347	ng		94
53) 2,4-Dinitrophenol	10.00	184	281821	108.595	ng	#	14
54) Dibenzofuran	10.15	168	1383543	46.717	ng		99
55) 4-Nitrophenol	10.06	139	475582	98.223	ng		97
56) 2,4-Dinitrotoluene	10.13	165	371909	58.380	ng		94
57) Fluorene	10.49	166	1022772	47.142	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	318332	53.379	ng	#	88
59) Diethylphthalate	10.36	149	1187706	46.523	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	494453	46.458	ng		96
61) 4-Nitroaniline	10.52	138	284674	50.347	ng		95
62) Azobenzene	10.65	77	1142903	47.532	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	185915	54.886	ng		78
65) n-Nitrosodiphenylamine	10.60	169	1009170	44.443	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	341153	48.732	ng	#	87
67) Hexachlorobenzene	11.04	284	349254	47.700	ng	#	90
68) Atrazine	11.13	200	337123	49.046	ng		97
69) Pentachlorophenol	11.23	266	408056	77.723	ng		98
70) Phenanthrene	11.46	178	1559115	45.344	ng		99
71) Anthracene	11.51	178	1601631	45.912	ng		99
72) Carbazole	11.66	167	1443793	44.855	ng		99
73) Di-n-butylphthalate	11.99	149	1786370	47.424	ng		100
74) Fluoranthene	12.64	202	1627906	44.673	ng		98
76) Benzidine	12.76	184	516424	28.852	ng		99
77) Pyrene	12.87	202	1668533	52.371	ng		100
79) Butylbenzylphthalate	13.49	149	737922	56.794	ng		98
80) Benzo(a)anthracene	14.06	228	1293148	48.046	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	154075	15.978	ng		99
82) Chrysene	14.10	228	1254737	48.142	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	958900	56.113	ng		98
84) Di-n-octyl phthalate	14.66	149	1474633	50.231	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	1087672	51.594	ng		96
87) Benzo(b)fluoranthene	15.12	252	1040991	47.756	ng		99
88) Benzo(k)fluoranthene	15.14	252	1009867	49.032	ng		99
89) Benzo(a)pyrene	15.49	252	968308	50.107	ng		100
90) Dibenzo(a,h)anthracene	17.07	278	887495	56.157	ng		98
91) Benzo(g,h,i)perylene	17.51	276	944733	61.068	ng		96

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

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