Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100112.D
Acq On : 3 Nov 2017 4:33
Operator : SJ/JU
Sample : PB103911BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Manual Integrations APPROVED
Sohil
11/3/2017 11:20:56 AM

Quant Time: Nov 03 05:42:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	73506	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	305215	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	138535	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	226006	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	133043	20.00	ng		-0.02
86) Perylene-d12	15.41	264	124840	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	320636	68.48	ng		0.00
7) Phenol-d6	6.42	99	368639	66.40	ng		-0.01
23) Nitrobenzene-d5	7.34	82	303671	64.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	77677	61.53	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	639015	71.17	ng		-0.01
78) Terphenyl-d14	12.88	244	487975	80.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	62226	30.096	ng		91
3) Pyridine	3.31	79	134045	26.960	ng		89
4) n-Nitrosodimethylamine	3.26	42	53208	29.955	ng	#	60
6) Aniline	6.44	93	148898	20.685	ng	#	83
8) 2-Chlorophenol	6.56	128	176558	35.382	ng		93
9) Benzaldehyde	6.33	77	62431	18.819	ng		87
10) Phenol	6.43	94	207203	33.994	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	153746	32.664	ng		96
12) 1,3-Dichlorobenzene	6.70	146	190753	34.045	ng		96
13) 1,4-Dichlorobenzene	6.79	146	194488	34.202	ng		97
14) 1,2-Dichlorobenzene	6.93	146	179724	34.679	ng		98
15) Benzyl Alcohol	6.92	79	121616	34.446	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	196624	37.605	ng	#	25
17) 2-Methylphenol	7.03	107	140836	33.741	ng	#	94
18) Hexachloroethane	7.27	117	57245	30.174	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	108952	33.489	ng		92
20) 3+4-Methylphenols	7.19	107	187292	38.536	ng	#	80
22) Acetophenone	7.19	105	231433	33.302	ng	#	93
24) Nitrobenzene	7.36	77	160824	33.668	ng		92
25) Isophorone	7.59	82	301614	35.061	ng		97
26) 2-Nitrophenol	7.67	139	91921	33.598	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	154981	38.446	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	199091	33.046	ng		98
29) 2,4-Dichlorophenol	7.92	162	149322	35.658	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	150925	33.731	ng		99
31) Naphthalene	8.07	128	500367	33.962	ng		99
32) Benzoic acid	7.87	122	85467	24.087	ng		91
33) 4-Chloroaniline	8.14	127	98618	16.210	ng	#	93
34) Hexachlorobutadiene	8.18	225	74813	32.507	ng		98
35) Caprolactam	8.51	113	45793m	34.773	ng		
36) 4-Chloro-3-methylphenol	8.63	107	148047	34.637	ng		89
37) 2-Methylnaphthalene	8.76	142	346328	35.078	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	143365	32.042	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	3927	15.156	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	93757	34.642	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	99230	34.550	ng		94
45) 1,1'-Biphenyl	9.23	154	406838	32.463	ng		97
46) 2-Chloronaphthalene	9.26	162	316542	34.779	ng		96
47) 2-Nitroaniline	9.37	65	80661	33.767	ng	#	78
48) Acenaphthylene	9.67	152	468647	33.431	ng		99
49) Dimethylphthalate	9.53	163	350846	31.980	ng		100
50) 2,6-Dinitrotoluene	9.60	165	78540	34.054	ng		92
51) Acenaphthene	9.84	154	282303	32.958	ng		99
52) 3-Nitroaniline	9.78	138	64637	23.785	ng		89
53) 2,4-Dinitrophenol	9.92	184	20836	26.995	ng	#	86
54) Dibenzofuran	10.02	168	423509	35.028	ng		97
55) 4-Nitrophenol	9.97	139	70930	49.954	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	101157	36.420	ng	#	84
57) Fluorene	10.36	166	338634	33.827	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	70002	34.763	ng	#	93
59) Diethylphthalate	10.23	149	345786	32.276	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	155731	33.054	ng		89
61) 4-Nitroaniline	10.40	138	72335	27.899	ng	#	80
62) Azobenzene	10.50	77	291791	32.490	ng		90
64) 4,6-Dinitro-2-methylphenol	10.44	198	21857	15.385	ng	#	78
65) n-Nitrosodiphenylamine	10.47	169	296056	35.486	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	87100	36.608	ng		93
67) Hexachlorobenzene	10.91	284	84264	34.617	ng	#	91
68) Atrazine	11.00	200	89650	35.773	ng		96
69) Pentachlorophenol	11.12	266	53184	51.133	ng		98
70) Phenanthrene	11.32	178	437413	34.295	ng		98
71) Anthracene	11.37	178	454663	35.118	ng		99
72) Carbazole	11.54	167	409805	33.660	ng		98
73) Di-n-butylphthalate	11.85	149	535496	34.484	ng	#	98
74) Fluoranthene	12.52	202	389333	29.373	ng		97
76) Benzidine	12.64	184	223411	38.376	ng		98
77) Pyrene	12.75	202	382872	37.846	ng		98
79) Butylbenzylphthalate	13.35	149	181357	36.405	ng		92
80) Benzo(a)anthracene	13.94	228	281812	33.414	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	92705	30.281	ng		99
82) Chrysene	13.97	228	271676	34.263	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	232248	33.198	ng		99
84) Di-n-octyl phthalate	14.51	149	354017	29.483	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	253363	34.807	ng		97
87) Benzo(b)fluoranthene	14.99	252	260839	33.089	ng		99
88) Benzo(k)fluoranthene	15.02	252	255509	34.373	ng		97
89) Benzo(a)pyrene	15.35	252	252585	35.670	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	213993	34.010	ng		98
91) Benzo(g,h,i)perylene	17.32	276	206213	33.498	ng		98

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

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