Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100564.D
Acq On : 15 Nov 2017 3:01
Operator : SJ/JU
Sample : PB104235BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104235BSD

Quant Time: Nov 15 06:27:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117224	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	444219	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	178044	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	280652	20.00	ng		0.00
75) Chrysene-d12	14.04	240	238838	20.00	ng		0.00
86) Perylene-d12	15.52	264	172996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	592394	81.01	ng		0.01
7) Phenol-d6	6.51	99	716889	79.50	ng		0.00
23) Nitrobenzene-d5	7.45	82	635499	94.58	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	138673	76.43	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1091064	93.31	ng		0.00
78) Terphenyl-d14	12.99	244	777445	74.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	124706	34.993	ng		96
3) Pyridine	3.50	79	344602	35.442	ng		93
4) n-Nitrosodimethylamine	3.46	42	176188	37.323	ng		98
6) Aniline	6.55	93	309247	24.274	ng		100
8) 2-Chlorophenol	6.67	128	322847	41.732	ng		98
9) Benzaldehyde	6.43	77	142247	22.088	ng		99
10) Phenol	6.53	94	399824	42.235	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	312104	39.251	ng		98
12) 1,3-Dichlorobenzene	6.83	146	360775	40.449	ng		97
13) 1,4-Dichlorobenzene	6.90	146	362224	40.125	ng		98
14) 1,2-Dichlorobenzene	7.06	146	332929	39.888	ng		97
15) Benzyl Alcohol	7.02	79	273180	38.816	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	559288	43.977	ng		98
17) 2-Methylphenol	7.13	107	275493	41.671	ng		100
18) Hexachloroethane	7.40	117	98382	33.053	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	216650	34.643	ng		94
20) 3+4-Methylphenols	7.29	107	324774	38.821	ng	#	83
22) Acetophenone	7.29	105	417786	38.569	ng	#	92
24) Nitrobenzene	7.47	77	332447	48.072	ng		97
25) Isophorone	7.70	82	605101	42.856	ng		100
26) 2-Nitrophenol	7.78	139	150264	46.529	ng		97
27) 2,4-Dimethylphenol	7.82	122	296559	46.854	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	387609	41.968	ng		99
29) 2,4-Dichlorophenol	8.02	162	262481	43.440	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	280322	42.888	ng		96
31) Naphthalene	8.19	128	878360	41.053	ng		99
32) Benzoic acid	7.92	122	115112	28.484	ng		99
33) 4-Chloroaniline	8.23	127	187815	21.088	ng		99
34) Hexachlorobutadiene	8.30	225	160650	41.339	ng		99
35) Caprolactam	8.60	113	72720	35.069	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	259033	39.915	ng		94
37) 2-Methylnaphthalene	8.88	142	574466	40.442	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	261796	44.336	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	43971	15.822	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	172805	46.175 ng		99
43) 2,4,5-Trichlorophenol	9.20	196	170115	43.873 ng	#	90
45) 1,1'-Biphenyl	9.35	154	659254	42.812 ng		99
46) 2-Chloronaphthalene	9.37	162	506576	45.346 ng		97
47) 2-Nitroaniline	9.46	65	162545	49.170 ng		98
48) Acenaphthylene	9.79	152	752935	40.669 ng		99
49) Dimethylphthalate	9.64	163	608072	44.731 ng		99
50) 2,6-Dinitrotoluene	9.70	165	120285	44.702 ng		95
51) Acenaphthene	9.96	154	437867	38.888 ng		99
52) 3-Nitroaniline	9.87	138	116418	36.639 ng		90
53) 2,4-Dinitrophenol	9.97	184	8997	17.728 ng	#	20
54) Dibenzofuran	10.13	168	641478	40.649 ng		98
55) 4-Nitrophenol	10.03	139	181144	70.209 ng		94
56) 2,4-Dinitrotoluene	10.10	165	144582	42.592 ng	#	96
57) Fluorene	10.47	166	458243	39.638 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	126876	39.926 ng	#	86
59) Diethylphthalate	10.34	149	558167	41.031 ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	237647	41.904 ng	#	87
61) 4-Nitroaniline	10.49	138	118388	39.293 ng		89
62) Azobenzene	10.62	77	480707	37.518 ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	9777	14.238 ng		87
65) n-Nitrosodiphenylamine	10.58	169	446198	45.724 ng		95
66) 4-Bromophenyl-phenylether	10.95	248	141753	47.117 ng	#	86
67) Hexachlorobenzene	11.02	284	139040	44.188 ng		93
68) Atrazine	11.10	200	130129	44.053 ng		96
69) Pentachlorophenol	11.21	266	145988	64.703 ng		96
70) Phenanthrene	11.43	178	633082	42.843 ng		99
71) Anthracene	11.49	178	642980	42.889 ng		99
72) Carbazole	11.64	167	585619	42.335 ng		98
73) Di-n-butylphthalate	11.96	149	744183	45.972 ng		98
74) Fluoranthene	12.62	202	673316	42.994 ng		97
76) Benzidine	12.74	184	528107	55.213 ng		99
77) Pyrene	12.85	202	695081	40.826 ng		99
79) Butylbenzylphthalate	13.46	149	300500	43.280 ng	#	92
80) Benzo(a)anthracene	14.03	228	619840	43.096 ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	229582	44.552 ng	#	97
82) Chrysene	14.07	228	588595	42.261 ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	421079	46.111 ng		99
84) Di-n-octyl phthalate	14.63	149	738745	47.090 ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	397738	35.306 ng		96
87) Benzo(b)fluoranthene	15.09	252	449975	43.904 ng		98
88) Benzo(k)fluoranthene	15.12	252	454529	46.936 ng		97
89) Benzo(a)pyrene	15.46	252	398163	43.821 ng		99
90) Dibenzo(a,h)anthracene	17.02	278	331510	44.613 ng		97
91) Benzo(g,h,i)perylene	17.45	276	336597	46.275 ng		95

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

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