Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100646.D
Acq On : 16 Nov 2017 23:11
Operator : SJ/JU
Sample : PB104306BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Manual Integrations APPROVED
SOHIL
11/17/2017 1:25:52 PM

Quant Time: Nov 17 02:33:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118175	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	454089	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	194523	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	315061	20.00	ng		0.00
75) Chrysene-d12	14.04	240	217278	20.00	ng		0.00
86) Perylene-d12	15.52	264	187210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	568540	77.12	ng		0.01
7) Phenol-d6	6.52	99	696163	76.58	ng		0.00
23) Nitrobenzene-d5	7.45	82	648512	94.42	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	158508	79.97	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1221668	95.63	ng		0.00
78) Terphenyl-d14	12.99	244	769887	81.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	134507	37.439	ng		94
3) Pyridine	3.53	79	398465	40.652	ng		94
4) n-Nitrosodimethylamine	3.50	42	188346	39.578	ng		99
6) Aniline	6.55	93	271640	21.150	ng		98
8) 2-Chlorophenol	6.67	128	376399	48.262	ng		95
9) Benzaldehyde	6.43	77	138682	21.361	ng		98
10) Phenol	6.53	94	453121	47.480	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	353128	44.052	ng		97
12) 1,3-Dichlorobenzene	6.83	146	419016	46.600	ng		97
13) 1,4-Dichlorobenzene	6.90	146	425336	46.737	ng		97
14) 1,2-Dichlorobenzene	7.06	146	392767	46.678	ng		97
15) Benzyl Alcohol	7.03	79	316954	44.673	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	643036	50.155	ng		99
17) 2-Methylphenol	7.13	107	328747	49.326	ng		98
18) Hexachloroethane	7.40	117	131874	43.949	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	256998	40.764	ng		96
20) 3+4-Methylphenols	7.29	107	379175	44.959	ng	#	87
22) Acetophenone	7.30	105	491079	44.350	ng	#	98
24) Nitrobenzene	7.47	77	383991	54.319	ng		98
25) Isophorone	7.71	82	724675	50.209	ng		98
26) 2-Nitrophenol	7.79	139	200359	59.055	ng		88
27) 2,4-Dimethylphenol	7.82	122	360524	55.721	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	464732	49.225	ng		99
29) 2,4-Dichlorophenol	8.02	162	333719	54.029	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	340866	51.018	ng		95
31) Naphthalene	8.19	128	1060844	48.504	ng		99
32) Benzoic acid	7.93	122	144853m	32.899	ng		
33) 4-Chloroaniline	8.23	127	133270	14.639	ng		98
34) Hexachlorobutadiene	8.30	225	198502	49.969	ng		100
35) Caprolactam	8.62	113	95136m	44.881	ng		
36) 4-Chloro-3-methylphenol	8.72	107	330086	49.758	ng		98
37) 2-Methylnaphthalene	8.88	142	724163	49.872	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	337931	52.381	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	119392	39.321	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	230360	56.340	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	236977	55.940	ng		95
45) 1,1'-Biphenyl	9.35	154	847137	50.352	ng		99
46) 2-Chloronaphthalene	9.37	162	660884	54.147	ng		95
47) 2-Nitroaniline	9.47	65	204527	56.206	ng		96
48) Acenaphthylene	9.79	152	980403	48.470	ng		99
49) Dimethylphthalate	9.65	163	789843	53.181	ng		99
50) 2,6-Dinitrotoluene	9.71	165	165902	56.431	ng		91
51) Acenaphthene	9.96	154	582154	47.323	ng		98
52) 3-Nitroaniline	9.87	138	106735	30.746	ng		97
53) 2,4-Dinitrophenol	9.98	184	32388	36.632	ng	#	13
54) Dibenzofuran	10.13	168	847887	49.177	ng		98
55) 4-Nitrophenol	10.04	139	246496	87.445	ng		87
56) 2,4-Dinitrotoluene	10.12	165	210794	56.837	ng	#	84
57) Fluorene	10.47	166	621220	49.183	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	172762	49.760	ng	#	85
59) Diethylphthalate	10.34	149	733926	49.380	ng		95
60) 4-Chlorophenyl-phenylether	10.46	204	316818	51.131	ng		91
61) 4-Nitroaniline	10.49	138	149015	45.269	ng		88
62) Azobenzene	10.62	77	633075	45.225	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	30039	24.082	ng		89
65) n-Nitrosodiphenylamine	10.58	169	604156	55.149	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	195631	57.923	ng	#	88
67) Hexachlorobenzene	11.02	284	191293	54.154	ng	#	85
68) Atrazine	11.10	200	190417	57.422	ng		98
69) Pentachlorophenol	11.21	266	180281	71.176	ng		97
70) Phenanthrene	11.43	178	827392	49.878	ng		100
71) Anthracene	11.49	178	844425	50.174	ng		99
72) Carbazole	11.64	167	733105	47.209	ng		99
73) Di-n-butylphthalate	11.96	149	1013933	55.795	ng		99
74) Fluoranthene	12.62	202	767320	43.646	ng		96
76) Benzidine	12.74	184	372023	42.754	ng		98
77) Pyrene	12.85	202	760294	49.088	ng		100
79) Butylbenzylphthalate	13.46	149	353532	55.970	ng	#	89
80) Benzo(a)anthracene	14.04	228	696829	53.256	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	229169	48.884	ng	#	97
82) Chrysene	14.07	228	634179	50.052	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	491403	59.151	ng		100
84) Di-n-octyl phthalate	14.63	149	806978	56.544	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	479247	46.763	ng		95
87) Benzo(b)fluoranthene	15.09	252	616317	55.568	ng		99
88) Benzo(k)fluoranthene	15.12	252	576807	55.041	ng		97
89) Benzo(a)pyrene	15.46	252	535469	54.458	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	410039	50.992	ng		97
91) Benzo(g,h,i)perylene	17.46	276	390558	49.616	ng		95

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

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