Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100373.D
Acq On : 10 Nov 2017 6:58
Operator : SJ/JU
Sample : PB104036BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Manual Integrations APPROVED
Sohil
11/10/2017 1:31:11 PM

Quant Time: Nov 10 07:28:25 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	161169	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	651437	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	291549	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	513612	20.00	ng		0.00
75) Chrysene-d12	14.06	240	321164	20.00	ng		0.00
86) Perylene-d12	15.54	264	318371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1336877	132.97	ng		0.02
7) Phenol-d6	6.53	99	1676493	135.22	ng		0.01
23) Nitrobenzene-d5	7.47	82	1518529	154.11	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	400983	134.97	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2413751	126.07	ng		0.00
78) Terphenyl-d14	13.02	244	1899332	135.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	163036	33.274	ng		95
3) Pyridine	3.56	79	476436	35.641	ng		93
4) n-Nitrosodimethylamine	3.51	42	243682	37.546	ng		96
6) Aniline	6.57	93	281109m	16.049	ng		
8) 2-Chlorophenol	6.69	128	439143	41.287	ng		98
9) Benzaldehyde	6.45	77	273690	30.911	ng		98
10) Phenol	6.55	94	524727	40.315	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	432643	39.574	ng		94
12) 1,3-Dichlorobenzene	6.85	146	487613	39.763	ng		98
13) 1,4-Dichlorobenzene	6.92	146	490291	39.502	ng		98
14) 1,2-Dichlorobenzene	7.07	146	438590	38.219	ng		99
15) Benzyl Alcohol	7.05	79	401284	41.471	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	803959	45.979	ng		97
17) 2-Methylphenol	7.15	107	389179	42.816	ng		99
18) Hexachloroethane	7.42	117	169484	41.415	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	324204	37.706	ng		96
20) 3+4-Methylphenols	7.30	107	463999	40.340	ng	#	84
22) Acetophenone	7.32	105	601641	37.874	ng	#	98
24) Nitrobenzene	7.49	77	472343	46.575	ng		98
25) Isophorone	7.72	82	891192	43.040	ng		99
26) 2-Nitrophenol	7.80	139	249300	51.933	ng		96
27) 2,4-Dimethylphenol	7.83	122	436317	47.007	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	561564	41.462	ng		99
29) 2,4-Dichlorophenol	8.04	162	390763	44.099	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	396624	41.379	ng		95
31) Naphthalene	8.21	128	1259178	40.131	ng		100
32) Benzoic acid	7.95	122	293943	42.652	ng		98
33) 4-Chloroaniline	8.25	127	71748	5.493	ng		97
34) Hexachlorobutadiene	8.32	225	232486	40.794	ng		98
35) Caprolactam	8.63	113	123126m	40.489	ng		
36) 4-Chloro-3-methylphenol	8.73	107	401330	42.171	ng		100
37) 2-Methylnaphthalene	8.90	142	855941	41.090	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	380898	39.393	ng		97
40) Hexachlorocyclopentadiene	9.05	237	312579	68.686	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	282856	46.156	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	281123	44.276	ng		96
45) 1,1'-Biphenyl	9.36	154	996032	39.500	ng		100
46) 2-Chloronaphthalene	9.39	162	772765	42.243	ng		96
47) 2-Nitroaniline	9.48	65	255410	47.295	ng		93
48) Acenaphthylene	9.80	152	1202340	39.660	ng		100
49) Dimethylphthalate	9.66	163	924132	41.515	ng		99
50) 2,6-Dinitrotoluene	9.72	165	207458	47.082	ng		96
51) Acenaphthene	9.97	154	771532	41.845	ng		100
52) 3-Nitroaniline	9.89	138	83813	16.108	ng		98
53) 2,4-Dinitrophenol	9.99	184	139852	74.862	ng	#	18
54) Dibenzofuran	10.15	168	1054968	40.824	ng		98
55) 4-Nitrophenol	10.05	139	339710	80.407	ng		94
56) 2,4-Dinitrotoluene	10.13	165	270626	48.685	ng		93
57) Fluorene	10.49	166	769135	40.629	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	231399	44.468	ng	#	86
59) Diethylphthalate	10.36	149	914425	41.049	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	382733	41.213	ng		94
61) 4-Nitroaniline	10.50	138	182374	36.965	ng		95
62) Azobenzene	10.64	77	855465	40.774	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	95111	38.698	ng		92
65) n-Nitrosodiphenylamine	10.60	169	757973	42.443	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	248750	45.179	ng		91
67) Hexachlorobenzene	11.03	284	243576	42.299	ng		92
68) Atrazine	11.12	200	242877	44.928	ng		98
69) Pentachlorophenol	11.23	266	276748	67.023	ng		98
70) Phenanthrene	11.45	178	1090833	40.338	ng		99
71) Anthracene	11.50	178	1129625	41.173	ng		100
72) Carbazole	11.66	167	987378	39.003	ng		99
73) Di-n-butylphthalate	11.99	149	1324528	44.710	ng		98
74) Fluoranthene	12.64	202	990696	34.567	ng		98
76) Benzidine	12.76	184	395259	30.731	ng		98
77) Pyrene	12.87	202	975234	42.598	ng		99
79) Butylbenzylphthalate	13.48	149	453866	48.612	ng		99
80) Benzo(a)anthracene	14.06	228	809424	41.852	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	201448	29.071	ng	#	98
82) Chrysene	14.09	228	769613	41.093	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	611142	49.769	ng		99
84) Di-n-octyl phthalate	14.65	149	983804	46.636	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	671643	44.337	ng		96
87) Benzo(b)fluoranthene	15.11	252	824897	43.734	ng		99
88) Benzo(k)fluoranthene	15.14	252	712088	39.956	ng		98
89) Benzo(a)pyrene	15.49	252	726814	43.465	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	563300	41.192	ng		97
91) Benzo(g,h,i)perylene	17.49	276	529085	39.524	ng		96

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

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