Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103357.D
Acq On : 2 Mar 2018 11:05
Operator : SJ/JU
Sample : PB106964BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Manual Integrations APPROVED
Sohil
3/5/2018 3:12:53 PM

Quant Time: Mar 02 13:41:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121235	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	522056	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	237084	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	409541	20.00	ng		0.00
75) Chrysene-d12	14.07	240	288222	20.00	ng		0.00
86) Perylene-d12	15.57	264	258132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1341496	167.35	ng		0.02
7) Phenol-d6	6.52	99	1643137	167.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	723220	79.11	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	309275	154.11	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1083401	76.95	ng		0.00
78) Terphenyl-d14	13.00	244	1054454	87.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	203705	48.115	ng		92
3) Pyridine	3.53	79	566584m	50.128	ng		
4) n-Nitrosodimethylamine	3.46	42	264727	58.075	ng		92
6) Aniline	6.55	93	451442	31.890	ng		92
8) 2-Chlorophenol	6.67	128	384708	46.199	ng		95
9) Benzaldehyde	6.43	77	167602	25.289	ng		99
10) Phenol	6.53	94	482687	42.390	ng		83
11) bis(2-Chloroethyl)ether	6.62	93	396395	45.867	ng		92
12) 1,3-Dichlorobenzene	6.82	146	408736	42.952	ng		95
13) 1,4-Dichlorobenzene	6.89	146	406196	42.575	ng		99
14) 1,2-Dichlorobenzene	7.05	146	378740	43.052	ng		99
15) Benzyl Alcohol	7.02	79	342856	46.386	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	641694	43.239	ng		87
17) 2-Methylphenol	7.13	107	331587	43.817	ng	#	95
18) Hexachloroethane	7.38	117	154794	44.568	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	272979	44.717	ng		94
20) 3+4-Methylphenols	7.29	107	396089	42.938	ng	#	61
22) Acetophenone	7.29	105	518828	42.577	ng	#	88
24) Nitrobenzene	7.46	77	449801	44.691	ng		97
25) Isophorone	7.70	82	821786	45.644	ng		97
26) 2-Nitrophenol	7.78	139	222149	46.885	ng		95
27) 2,4-Dimethylphenol	7.82	122	362339	50.030	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	502409	47.462	ng		99
29) 2,4-Dichlorophenol	8.02	162	325318	46.917	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	311145	42.138	ng		98
31) Naphthalene	8.18	128	1101958	43.115	ng		99
32) Benzoic acid	7.91	122	41823	13.576	ng		97
33) 4-Chloroaniline	8.23	127	280361	25.420	ng		98
34) Hexachlorobutadiene	8.29	225	155596	40.466	ng		99
35) Caprolactam	8.61	113	112385m	46.117	ng		
36) 4-Chloro-3-methylphenol	8.72	107	364773	46.641	ng		98
37) 2-Methylnaphthalene	8.87	142	728285	44.090	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	269975	41.654	ng		97
40) Hexachlorocyclopentadiene	9.02	237	149824	67.181	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	193019	44.258	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	206433	41.155	ng		97
45) 1,1'-Biphenyl	9.34	154	825192	41.537	ng		99
46) 2-Chloronaphthalene	9.37	162	661326	42.077	ng		98
47) 2-Nitroaniline	9.47	65	269281	46.253	ng		88
48) Acenaphthylene	9.78	152	1000084	41.356	ng		100
49) Dimethylphthalate	9.63	163	781572	41.094	ng		99
50) 2,6-Dinitrotoluene	9.71	165	171080	42.864	ng		96
51) Acenaphthene	9.96	154	584686	41.464	ng		99
52) 3-Nitroaniline	9.88	138	159587	31.515	ng		97
53) 2,4-Dinitrophenol	10.00	184	53812	42.458	ng	#	17
54) Dibenzofuran	10.13	168	842319	43.515	ng		95
55) 4-Nitrophenol	10.06	139	224835	71.640	ng		92
56) 2,4-Dinitrotoluene	10.12	165	212425	42.082	ng	#	87
57) Fluorene	10.47	166	683960	41.478	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	147306	43.716	ng		96
59) Diethylphthalate	10.33	149	773004	42.495	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	297642	42.565	ng		99
61) 4-Nitroaniline	10.50	138	218428	43.186	ng		94
62) Azobenzene	10.62	77	839716	45.352	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	67018	29.069	ng		84
65) n-Nitrosodiphenylamine	10.58	169	611633	42.893	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	177217	41.540	ng		93
67) Hexachlorobenzene	11.02	284	189410	40.905	ng		97
68) Atrazine	11.11	200	191255	44.623	ng		100
69) Pentachlorophenol	11.22	266	133389	59.577	ng		100
70) Phenanthrene	11.44	178	939843	41.700	ng		99
71) Anthracene	11.49	178	990732	42.867	ng		99
72) Carbazole	11.65	167	971331	42.204	ng		99
73) Di-n-butylphthalate	11.96	149	1227611	42.627	ng		99
74) Fluoranthene	12.63	202	977153	43.144	ng		99
76) Benzidine	12.75	184	485564	45.063	ng		98
77) Pyrene	12.86	202	988046	43.969	ng		99
79) Butylbenzylphthalate	13.46	149	526818	44.373	ng		94
80) Benzo(a)anthracene	14.06	228	842534	45.053	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	219456	32.882	ng		97
82) Chrysene	14.10	228	799951	44.055	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	663865	41.435	ng		99
84) Di-n-octyl phthalate	14.64	149	1134365	43.821	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	629625	43.799	ng		98
87) Benzo(b)fluoranthene	15.13	252	762329m	44.917	ng		
88) Benzo(k)fluoranthene	15.16	252	697176	43.623	ng		99
89) Benzo(a)pyrene	15.51	252	683320	45.086	ng		96
90) Dibenzo(a,h)anthracene	17.12	278	529756	45.235	ng		99
91) Benzo(g,h,i)perylene	17.58	276	541222	47.285	ng		100

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

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