Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101704.D
Acq On : 26 Dec 2017 10:09
Operator : SJ/JU
Sample : PB105279BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105279BS

Manual Integrations APPROVED
Sohil
12/27/2017 4:14:07 PM

Quant Time: Dec 26 10:55:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142706	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	575580	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	269770	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	518062	20.00	ng		0.00
75) Chrysene-d12	13.97	240	419506	20.00	ng		0.00
86) Perylene-d12	15.43	264	396494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1077637	112.48	ng		0.01
7) Phenol-d6	6.43	99	1235162	103.59	ng		0.00
23) Nitrobenzene-d5	7.36	82	796328	77.01	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	305903	117.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1355996	77.97	ng		0.00
78) Terphenyl-d14	12.90	244	1411889	81.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	163754	33.265	ng		98
3) Pyridine	3.35	79	454505m	33.231	ng		
4) n-Nitrosodimethylamine	3.30	42	203959	32.388	ng		99
6) Aniline	6.46	93	263288	15.890	ng	#	81
8) 2-Chlorophenol	6.57	128	366082	36.325	ng		96
9) Benzaldehyde	6.35	77	163065	18.519	ng		98
10) Phenol	6.45	94	460351	33.876	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	372496	34.945	ng		97
12) 1,3-Dichlorobenzene	6.73	146	408134	35.883	ng		98
13) 1,4-Dichlorobenzene	6.80	146	420468	36.200	ng		98
14) 1,2-Dichlorobenzene	6.96	146	373398	35.715	ng		97
15) Benzyl Alcohol	6.95	79	281705	34.326	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	615320	37.718	ng		50
17) 2-Methylphenol	7.05	107	299861	32.347	ng	#	89
18) Hexachloroethane	7.29	117	147465	36.517	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	263194	33.613	ng		95
20) 3+4-Methylphenols	7.21	107	406478	41.378	ng	#	66
22) Acetophenone	7.20	105	515306	39.236	ng	#	94
24) Nitrobenzene	7.37	77	412737	36.067	ng		97
25) Isophorone	7.61	82	746904	36.008	ng		98
26) 2-Nitrophenol	7.69	139	208713	42.452	ng		97
27) 2,4-Dimethylphenol	7.73	122	333798	39.965	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	474051	35.978	ng		98
29) 2,4-Dichlorophenol	7.95	162	327489	39.687	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	318170	36.537	ng		97
31) Naphthalene	8.09	128	1048584	36.187	ng		100
32) Benzoic acid	7.90	122	250150	45.038	ng		98
33) 4-Chloroaniline	8.16	127	132382	10.511	ng		98
34) Hexachlorobutadiene	8.20	225	186363	37.003	ng		96
35) Caprolactam	8.53	113	112200m	39.159	ng		
36) 4-Chloro-3-methylphenol	8.65	107	339886	37.476	ng		98
37) 2-Methylnaphthalene	8.78	142	706630	37.430	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	337833	37.091	ng		97
40) Hexachlorocyclopentadiene	8.93	237	103732	61.608	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	205519	37.481	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	202885	33.792	ng		98
45) 1,1'-Biphenyl	9.25	154	872651	36.475	ng		99
46) 2-Chloronaphthalene	9.27	162	652459	35.642	ng		97
47) 2-Nitroaniline	9.39	65	227746	36.014	ng		95
48) Acenaphthylene	9.69	152	952508	32.943	ng		99
49) Dimethylphthalate	9.55	163	718607	33.117	ng		99
50) 2,6-Dinitrotoluene	9.63	165	162501	36.846	ng		95
51) Acenaphthene	9.86	154	589541	33.937	ng		99
52) 3-Nitroaniline	9.80	138	116421	21.173	ng		93
53) 2,4-Dinitrophenol	9.93	184	151086	95.992	ng	#	20
54) Dibenzofuran	10.03	168	840244	38.061	ng		97
55) 4-Nitrophenol	9.99	139	144802	60.395	ng		97
56) 2,4-Dinitrotoluene	10.04	165	217184	43.709	ng	#	87
57) Fluorene	10.37	166	686656	36.768	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	174929	40.553	ng	#	87
59) Diethylphthalate	10.25	149	746076	34.720	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	332606	37.161	ng		92
61) 4-Nitroaniline	10.42	138	177736	32.159	ng		97
62) Azobenzene	10.52	77	757011	34.007	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	104841	39.657	ng		93
65) n-Nitrosodiphenylamine	10.49	169	643313	33.630	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	213514	36.679	ng		90
67) Hexachlorobenzene	10.93	284	221018	35.874	ng	#	91
68) Atrazine	11.02	200	209743	36.772	ng		97
69) Pentachlorophenol	11.13	266	170556	71.911	ng		98
70) Phenanthrene	11.35	178	1010590	35.077	ng		99
71) Anthracene	11.40	178	1053761	35.807	ng		99
72) Carbazole	11.56	167	958233	34.778	ng		99
73) Di-n-butylphthalate	11.86	149	1200474	35.897	ng		100
74) Fluoranthene	12.53	202	1078948	35.679	ng		99
76) Benzidine	12.66	184	268070	15.130	ng		98
77) Pyrene	12.76	202	1116760	35.471	ng		99
79) Butylbenzylphthalate	13.36	149	515704	36.201	ng		98
80) Benzo(a)anthracene	13.96	228	981013	35.415	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	224607	24.867	ng	#	97
82) Chrysene	14.00	228	941092	35.982	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	662832	36.735	ng		98
84) Di-n-octyl phthalate	14.53	149	1187379	36.899	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	764551	32.827	ng		96
87) Benzo(b)fluoranthene	15.00	252	891993	36.909	ng		99
88) Benzo(k)fluoranthene	15.03	252	796768	33.909	ng		98
89) Benzo(a)pyrene	15.37	252	805141	36.140	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	641088	33.515	ng		98
91) Benzo(g,h,i)perylene	17.35	276	656066	34.637	ng		96

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

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