Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099820.D
Acq On : 25 Oct 2017 18:25
Operator : SJ/JU
Sample : PB103597BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Manual Integrations APPROVED
Sohil
10/27/2017 8:58:59 AM

Quant Time: Oct 26 02:54:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	76390	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	315856	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	145930	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	257545	20.00	ng		0.00
75) Chrysene-d12	13.99	240	176357	20.00	ng		0.00
86) Perylene-d12	15.46	264	161778	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	444315	91.32	ng		0.01
7) Phenol-d6	6.44	99	520029	90.14	ng		0.00
23) Nitrobenzene-d5	7.36	82	296068	60.35	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	116294	87.45	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	639996	67.66	ng		0.00
78) Terphenyl-d14	12.92	244	544597	67.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	55941	26.035	ng		91
3) Pyridine	3.34	79	135011	26.129	ng		91
4) n-Nitrosodimethylamine	3.27	42	52161	28.257	ng	#	70
6) Aniline	6.46	93	123675	16.533	ng	#	91
8) 2-Chlorophenol	6.58	128	164426	31.707	ng		94
9) Benzaldehyde	6.35	77	89693	26.016	ng		90
10) Phenol	6.45	94	196299	30.989	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	148730	30.405	ng		91
12) 1,3-Dichlorobenzene	6.73	146	177140m	30.422	ng		
13) 1,4-Dichlorobenzene	6.81	146	178056	30.130	ng		96
14) 1,2-Dichlorobenzene	6.96	146	169232	31.421	ng		96
15) Benzyl Alcohol	6.95	79	116001	31.616	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	191411	35.226	ng		76
17) 2-Methylphenol	7.06	107	131008	30.202	ng		97
18) Hexachloroethane	7.30	117	56559	28.687	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	102077	30.191	ng		92
20) 3+4-Methylphenols	7.21	107	171980	34.050	ng	#	62
22) Acetophenone	7.21	105	216323	30.079	ng	#	97
24) Nitrobenzene	7.38	77	151304	30.608	ng		93
25) Isophorone	7.62	82	287390	32.282	ng		98
26) 2-Nitrophenol	7.70	139	88854	31.383	ng	#	86
27) 2,4-Dimethylphenol	7.73	122	146747	35.177	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	191440	30.705	ng		99
29) 2,4-Dichlorophenol	7.95	162	139971	32.299	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	142097	30.688	ng		97
31) Naphthalene	8.10	128	471676	30.936	ng		100
32) Benzoic acid	7.87	122	73978	20.147	ng		90
33) 4-Chloroaniline	8.16	127	84719	13.456	ng	#	94
34) Hexachlorobutadiene	8.21	225	72394	30.396	ng		96
35) Caprolactam	8.53	113	43672	32.045	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	138713	31.360	ng		90
37) 2-Methylnaphthalene	8.79	142	328936	32.194	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	134620	28.562	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	6819	18.296	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	90928	31.894	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	96986	32.058	ng		94
45) 1,1'-Biphenyl	9.26	154	384671	29.138	ng		98
46) 2-Chloronaphthalene	9.29	162	297958	31.078	ng		96
47) 2-Nitroaniline	9.39	65	77640	30.855	ng		88
48) Acenaphthylene	9.70	152	442951	29.997	ng		99
49) Dimethylphthalate	9.56	163	350436	30.324	ng		98
50) 2,6-Dinitrotoluene	9.63	165	75766	31.187	ng	#	83
51) Acenaphthene	9.87	154	265928	29.473	ng		99
52) 3-Nitroaniline	9.80	138	55324	19.327	ng		95
53) 2,4-Dinitrophenol	9.93	184	12683	18.032	ng		91
54) Dibenzofuran	10.05	168	393872	30.926	ng		98
55) 4-Nitrophenol	9.99	139	92864	62.087	ng		85
56) 2,4-Dinitrotoluene	10.05	165	92632	31.661	ng		96
57) Fluorene	10.39	166	320335	30.377	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66942	31.559	ng		94
59) Diethylphthalate	10.26	149	336676	29.833	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	149795	30.183	ng		90
61) 4-Nitroaniline	10.43	138	68242	24.987	ng		85
62) Azobenzene	10.54	77	283416	29.959	ng		92
64) 4,6-Dinitro-2-methylphenol	10.46	198	14747	9.109	ng		84
65) n-Nitrosodiphenylamine	10.50	169	284872	29.964	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	85342	31.476	ng		92
67) Hexachlorobenzene	10.94	284	84018	30.289	ng		97
68) Atrazine	11.03	200	88825	31.103	ng		98
69) Pentachlorophenol	11.14	266	64356	54.297	ng		99
70) Phenanthrene	11.36	178	445107	30.624	ng		98
71) Anthracene	11.41	178	458991	31.111	ng		99
72) Carbazole	11.57	167	422481	30.452	ng		99
73) Di-n-butylphthalate	11.89	149	547487	30.939	ng		98
74) Fluoranthene	12.55	202	441986	29.262	ng		98
76) Benzidine	12.67	184	265447	34.398	ng		98
77) Pyrene	12.78	202	449309	33.505	ng		99
79) Butylbenzylphthalate	13.39	149	217150	32.884	ng		94
80) Benzo(a)anthracene	13.97	228	344437	30.809	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	113353	27.932	ng		99
82) Chrysene	14.01	228	325852	31.002	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	306402	33.041	ng		99
84) Di-n-octyl phthalate	14.56	149	489253	30.739	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	265787	27.546	ng		96
87) Benzo(b)fluoranthene	15.03	252	307973	30.148	ng		98
88) Benzo(k)fluoranthene	15.06	252	307620	31.934	ng		99
89) Benzo(a)pyrene	15.40	252	296090	32.267	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	228361	28.007	ng		97
91) Benzo(g,h,i)perylene	17.39	276	210784	26.423	ng		96

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

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