Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011174.D
Acq On : 09 Aug 2017 14:55
Operator : SJ/JU
Sample : PB101372BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 09 18:22:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 18:20:59 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB101372BS

Manual Integrations APPROVED
Sohil
8/10/2017 6:11:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	168929	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	611271	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	380801	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	893147	20.00	ng		0.00
75) Chrysene-d12	20.95	240	1193033	20.00	ng		0.00
86) Perylene-d12	23.03	264	1206598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1142383	114.32	ng		0.00
7) Phenol-d6	6.50	99	1546782	108.94	ng		0.00
23) Nitrobenzene-d5	8.45	82	1323893	81.29	ng		0.00
41) 2,4,6-Tribromophenol	15.47	330	664248	108.83	ng		0.00
44) 2-Fluorobiphenyl	12.57	172	2357965	77.66	ng		0.00
78) Terphenyl-d14	19.39	244	3472365	57.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	160029	35.666	ng	#	100
3) Pyridine	3.30	79	460609	37.583	ng		90
4) n-Nitrosodimethylamine	3.22	42	247720	39.663	ng	#	71
6) Aniline	6.65	93	510565	28.531	ng	#	87
8) 2-Chlorophenol	6.87	128	345613	34.065	ng	#	76
9) Benzaldehyde	6.46	77	234298	25.504	ng	#	71
10) Phenol	6.53	94	531866	34.488	ng		98
11) bis(2-Chloroethyl)ether	6.75	93	436247	36.305	ng		89
12) 1,3-Dichlorobenzene	7.19	146	426926	34.528	ng	#	77
13) 1,4-Dichlorobenzene	7.33	146	430365	33.956	ng	#	89
14) 1,2-Dichlorobenzene	7.64	146	411713	33.975	ng	#	90
15) Benzyl Alcohol	7.55	79	519737	38.158	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.84	45	425462	39.348	ng		76
17) 2-Methylphenol	7.76	107	343002	34.800	ng	#	71
18) Hexachloroethane	8.35	117	198076	35.837	ng	#	79
19) n-Nitroso-di-n-propylamine	8.11	70	446873	37.037	ng	#	92
20) 3+4-Methylphenols	8.08	107	439965	32.112	ng	#	79
22) Acetophenone	8.12	105	687132	37.500	ng	#	90
24) Nitrobenzene	8.49	77	663794	39.331	ng	#	84
25) Isophorone	9.01	82	1063720	39.171	ng	#	84
26) 2-Nitrophenol	9.19	139	190456	35.466	ng	#	6
27) 2,4-Dimethylphenol	9.26	122	320376	33.890	ng	#	66
28) bis(2-Chloroethoxy)methane	9.50	93	566622	37.411	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	360766	33.962	ng		91
30) 1,2,4-Trichlorobenzene	9.92	180	493001	37.535	ng		99
31) Naphthalene	10.10	128	1078872	35.084	ng		97
32) Benzoic acid	9.40	122	210443	27.695	ng	#	44
33) 4-Chloroaniline	10.24	127	202899	16.540	ng	#	55
34) Hexachlorobutadiene	10.40	225	387391	37.447	ng		94
35) Caprolactam	11.02	113	102031	33.869	ng		95
36) 4-Chloro-3-methylphenol	11.37	107	445777	32.499	ng	#	68
37) 2-Methylnaphthalene	11.73	142	829971	36.740	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	624673	38.182	ng	#	100
40) Hexachlorocyclopentadiene	12.10	237	947919	99.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	362360	36.593	ng		97
43) 2,4,5-Trichlorophenol	12.45	196	360599	35.356	ng	#	86
45) 1,1'-Biphenyl	12.79	154	1127146	34.232	ng		94
46) 2-Chloronaphthalene	12.82	162	901889	37.175	ng		91
47) 2-Nitroaniline	13.05	65	352272	41.044	ng	#	64
48) Acenaphthylene	13.68	152	1290563	35.645	ng		99
49) Dimethylphthalate	13.45	163	1095626	33.633	ng	#	99
50) 2,6-Dinitrotoluene	13.56	165	227831	34.586	ng	#	40
51) Acenaphthene	14.03	154	805832	35.946	ng		96
52) 3-Nitroaniline	13.89	138	158299	27.692	ng	#	29
53) 2,4-Dinitrophenol	14.10	184	289309	61.796	ng	#	89
54) Dibenzofuran	14.37	168	1352739	37.241	ng	#	89
55) 4-Nitrophenol	14.22	139	292943	58.328	ng		98
56) 2,4-Dinitrotoluene	14.36	165	312160	33.755	ng	#	69
57) Fluorene	15.03	166	1093755	34.584	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	365364	38.219	ng	#	100
59) Diethylphthalate	14.83	149	1099507	33.049	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	679418	35.582	ng		98
61) 4-Nitroaniline	15.06	138	141190	23.253	ng	#	1
62) Azobenzene	15.33	77	1519610	42.679	ng		86
64) 4,6-Dinitro-2-methylphenol	15.12	198	207105	34.252	ng		91
65) n-Nitrosodiphenylamine	15.25	169	941383	36.830	ng		99
66) 4-Bromophenyl-phenylether	15.93	248	428210	37.295	ng	#	87
67) Hexachlorobenzene	16.03	284	450428	34.717	ng	#	92
68) Atrazine	16.23	200	387347	37.815	ng		96
69) Pentachlorophenol	16.38	266	602302	73.121	ng		97
70) Phenanthrene	16.76	178	1784347	38.154	ng		99
71) Anthracene	16.86	178	1796128	38.509	ng		100
72) Carbazole	17.14	167	1418487	34.776	ng		99
73) Di-n-butylphthalate	17.73	149	1774522	35.725	ng	#	96
74) Fluoranthene	18.80	202	2277176	39.292	ng		97
76) Benzidine	19.02	184	566067m	19.834	ng		
77) Pyrene	19.16	202	2338042	32.982	ng		98
79) Butylbenzylphthalate	20.11	149	858672	34.064	ng	#	64
80) Benzo(a)anthracene	20.93	228	2565690	37.664	ng		99
81) 3,3'-Dichlorobenzidine	20.89	252	770984	28.850	ng	#	96
82) Chrysene	20.99	228	2376362	36.341	ng		98
83) Bis(2-ethylhexyl)phthalate	20.90	149	1218667	32.863	ng	#	99
84) Di-n-octyl phthalate	21.74	149	2135516	35.481	ng		96
85) Indeno(1,2,3-cd)pyrene	25.06	276	2872727	42.420	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	2703421	34.909	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	2600059	35.030	ng	#	94
89) Benzo(a)pyrene	22.94	252	2597050	37.062	ng	#	95
90) Dibenzo(a,h)anthracene	25.06	278	2358734	36.310	ng	#	90
91) Benzo(g,h,i)perylene	25.67	276	2369579	37.147	ng	#	84

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

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