Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011050.D
Acq On : 28 Jul 2017 20:07
Operator : SJ/JU
Sample : PB101037BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101037BS

Manual Integrations APPROVED
Sohil
7/31/2017 6:50:15 PM

Quant Time: Jul 29 00:34:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	194123	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	825425	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	588296	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1373195	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1260249	20.00	ng		0.00
86) Perylene-d12	23.13	264	1029858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1322470	115.16	ng		0.00
7) Phenol-d6	6.59	99	1794674	109.99	ng		0.00
23) Nitrobenzene-d5	8.53	82	1551963	70.57	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	960288	101.84	ng		0.00
44) 2-Fluorobiphenyl	12.65	172	3382578	72.11	ng		-0.01
78) Terphenyl-d14	19.46	244	4291979	67.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	156483	30.349	ng	#	100
3) Pyridine	3.41	79	425395	30.205	ng		88
4) n-Nitrosodimethylamine	3.33	42	279988	39.012	ng	#	66
6) Aniline	6.74	93	649598	31.589	ng	#	87
8) 2-Chlorophenol	6.96	128	400019	34.310	ng	#	78
9) Benzaldehyde	6.55	77	409519	38.792	ng	#	74
10) Phenol	6.62	94	623062	35.158	ng		97
11) bis(2-Chloroethyl)ether	6.83	93	499940	36.206	ng		91
12) 1,3-Dichlorobenzene	7.27	146	472199	33.233	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	484840	33.289	ng	#	93
14) 1,2-Dichlorobenzene	7.73	146	456034	32.749	ng	#	91
15) Benzyl Alcohol	7.63	79	580512	37.088	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	449297	36.159	ng		75
17) 2-Methylphenol	7.84	107	417859	36.893	ng	#	75
18) Hexachloroethane	8.44	117	215693	33.959	ng	#	79
19) n-Nitroso-di-n-propylamine	8.20	70	497918	35.912	ng	#	91
20) 3+4-Methylphenols	8.16	107	574305	36.477	ng	#	81
22) Acetophenone	8.20	105	789844	31.922	ng	#	92
24) Nitrobenzene	8.57	77	773586	33.944	ng	#	84
25) Isophorone	9.10	82	1235432	33.691	ng	#	86
26) 2-Nitrophenol	9.27	139	247793	34.172	ng	#	22
27) 2,4-Dimethylphenol	9.35	122	440600	34.515	ng	#	61
28) bis(2-Chloroethoxy)methane	9.59	93	720354	35.222	ng	#	96
29) 2,4-Dichlorophenol	9.80	162	515779	35.957	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	599838	33.820	ng		99
31) Naphthalene	10.19	128	1407045	33.885	ng		99
32) Benzoic acid	9.50	122	289601	28.224	ng	#	64
33) 4-Chloroaniline	10.33	127	491511	29.672	ng	#	71
34) Hexachlorobutadiene	10.48	225	490718	35.128	ng		98
35) Caprolactam	11.12	113	126218m	31.028	ng		
36) 4-Chloro-3-methylphenol	11.45	107	620460	33.498	ng	#	77
37) 2-Methylnaphthalene	11.82	142	1132375	37.122	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	841135	33.279	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1375900	93.423	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	507739	33.190	ng		97
43) 2,4,5-Trichlorophenol	12.52	196	539831	34.261	ng	#	86
45) 1,1'-Biphenyl	12.86	154	1605142	31.555	ng		95
46) 2-Chloronaphthalene	12.90	162	1259527	33.606	ng	#	93
47) 2-Nitroaniline	13.12	65	452912	34.158	ng	#	72
48) Acenaphthylene	13.76	152	1890408	33.797	ng		99
49) Dimethylphthalate	13.52	163	1578657	31.369	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	336492	33.064	ng	#	57
51) Acenaphthene	14.11	154	1146418	33.102	ng		100
52) 3-Nitroaniline	13.96	138	275511	31.197	ng	#	43
53) 2,4-Dinitrophenol	14.17	184	439262	60.733	ng	#	89
54) Dibenzofuran	14.45	168	2028264	36.144	ng	#	91
55) 4-Nitrophenol	14.29	139	421441	54.317	ng	#	89
56) 2,4-Dinitrotoluene	14.43	165	440556	30.836	ng	#	88
57) Fluorene	15.10	166	1625332	33.266	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.68	232	540721	36.613	ng	#	100
59) Diethylphthalate	14.90	149	1622432	31.567	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1001363	33.946	ng		97
61) 4-Nitroaniline	15.14	138	277563	29.590	ng	#	1
62) Azobenzene	15.40	77	2103337	38.238	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	294584	31.688	ng		94
65) n-Nitrosodiphenylamine	15.33	169	1377528	35.053	ng		98
66) 4-Bromophenyl-phenylether	16.00	248	656475	37.188	ng	#	92
67) Hexachlorobenzene	16.11	284	672655	33.721	ng	#	88
68) Atrazine	16.30	200	518766	32.940	ng		95
69) Pentachlorophenol	16.46	266	828110	65.389	ng		98
70) Phenanthrene	16.84	178	2555985	35.548	ng		99
71) Anthracene	16.93	178	2551250	35.577	ng		100
72) Carbazole	17.21	167	1986055	31.669	ng		98
73) Di-n-butylphthalate	17.80	149	2407990	31.530	ng	#	97
74) Fluoranthene	18.87	202	2836305	31.831	ng		98
76) Benzidine	19.08	184	1781790	59.100	ng		100
77) Pyrene	19.24	202	2883109	38.502	ng		100
79) Butylbenzylphthalate	20.18	149	916431	34.416	ng	#	71
80) Benzo(a)anthracene	21.00	228	2508355	34.858	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	845910	29.966	ng	#	98
82) Chrysene	21.06	228	2364653	34.234	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	1257963	32.113	ng		99
84) Di-n-octyl phthalate	21.82	149	1923228	30.250	ng		99
85) Indeno(1,2,3-cd)pyrene	25.20	276	2425432	33.904	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	2333693	35.307	ng	#	93
88) Benzo(k)fluoranthene	22.55	252	2120983	33.480	ng	#	95
89) Benzo(a)pyrene	23.04	252	2110558	35.288	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	2017947	36.395	ng	#	90
91) Benzo(g,h,i)perylene	25.84	276	2015167	37.013	ng	#	84

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

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