Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010987.D
Acq On : 27 Jul 2017 01:00
Operator : SJ/JU
Sample : PB100955BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100955BS

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:41 PM

Quant Time: Jul 27 10:03:50 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	232711	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	1018813	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	748060	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	1836530	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1543064	20.00	ng		0.00
86) Perylene-d12	23.14	264	1046804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	2028902	147.38	ng		0.00
7) Phenol-d6	6.60	99	2735398	139.85	ng		0.00
23) Nitrobenzene-d5	8.55	82	2284598	84.16	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	1637696	136.59	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	5231472	87.71	ng		0.00
78) Terphenyl-d14	19.47	244	7386936	94.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	186858	30.231	ng	#	100
3) Pyridine	3.41	79	564801	33.454	ng		88
4) n-Nitrosodimethylamine	3.33	42	371654	43.197	ng	#	64
6) Aniline	6.75	93	912465	37.015	ng		94
8) 2-Chlorophenol	6.97	128	596115	42.652	ng		83
9) Benzaldehyde	6.55	77	281621	22.253	ng	#	80
10) Phenol	6.62	94	910844	42.874	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	661996	39.992	ng		93
12) 1,3-Dichlorobenzene	7.28	146	668423	39.242	ng	#	82
13) 1,4-Dichlorobenzene	7.43	146	690587	39.553	ng	#	89
14) 1,2-Dichlorobenzene	7.74	146	659078	39.481	ng	#	90
15) Benzyl Alcohol	7.64	79	875369	46.653	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	626615	42.067	ng		76
17) 2-Methylphenol	7.85	107	615685	45.345	ng	#	77
18) Hexachloroethane	8.45	117	321716	42.253	ng	#	81
19) n-Nitroso-di-n-propylamine	8.20	70	696452	41.901	ng	#	91
20) 3+4-Methylphenols	8.17	107	834179	44.197	ng	#	83
22) Acetophenone	8.21	105	1154814	37.813	ng	#	93
24) Nitrobenzene	8.58	77	1114443	39.619	ng	#	86
25) Isophorone	9.11	82	1785188	39.443	ng	#	85
26) 2-Nitrophenol	9.28	139	367123	41.018	ng	#	22
27) 2,4-Dimethylphenol	9.36	122	658669	41.804	ng	#	74
28) bis(2-Chloroethoxy)methane	9.59	93	1019873	40.401	ng		99
29) 2,4-Dichlorophenol	9.81	162	760902	42.977	ng		92
30) 1,2,4-Trichlorobenzene	10.02	180	885798	40.463	ng		100
31) Naphthalene	10.20	128	2081190	40.606	ng		99
32) Benzoic acid	9.52	122	440546	34.786	ng	#	63
33) 4-Chloroaniline	10.32	127	413313	20.215	ng	#	74
34) Hexachlorobutadiene	10.49	225	715581	41.502	ng		98
35) Caprolactam	11.12	113	202991m	40.429	ng		
36) 4-Chloro-3-methylphenol	11.46	107	921888	40.325	ng	#	76
37) 2-Methylnaphthalene	11.83	142	1682532	44.687	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1231034	38.303	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1953359	104.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	778162	40.003	ng		95
43) 2,4,5-Trichlorophenol	12.53	196	817868	40.821	ng	#	89
45) 1,1'-Biphenyl	12.87	154	2396817	37.055	ng		98
46) 2-Chloronaphthalene	12.91	162	1911118	40.101	ng		94
47) 2-Nitroaniline	13.13	65	720882	42.756	ng	#	68
48) Acenaphthylene	13.77	152	2884813	40.560	ng		100
49) Dimethylphthalate	13.53	163	2483022	38.801	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	523473	40.452	ng	#	50
51) Acenaphthene	14.12	154	1779684	40.412	ng		98
52) 3-Nitroaniline	13.97	138	356784	31.772	ng	#	32
53) 2,4-Dinitrophenol	14.18	184	731166	79.502	ng	#	85
54) Dibenzofuran	14.46	168	3067259	42.985	ng	#	88
55) 4-Nitrophenol	14.30	139	757852	76.814	ng		91
56) 2,4-Dinitrotoluene	14.44	165	740777	40.776	ng	#	91
57) Fluorene	15.11	166	2589354	41.678	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	857202	45.646	ng	#	100
59) Diethylphthalate	14.91	149	2634383	40.309	ng		98
60) 4-Chlorophenyl-phenylether	15.12	204	1563616	41.685	ng		98
61) 4-Nitroaniline	15.15	138	473986	39.738	ng	#	1
62) Azobenzene	15.41	77	3205429	45.828	ng		89
64) 4,6-Dinitro-2-methylphenol	15.20	198	496882	39.965	ng		90
65) n-Nitrosodiphenylamine	15.33	169	2221443	42.266	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	1035528	43.861	ng	#	90
67) Hexachlorobenzene	16.12	284	1080964	40.518	ng	#	88
68) Atrazine	16.30	200	907205	43.072	ng		98
69) Pentachlorophenol	16.46	266	1362123	80.421	ng		97
70) Phenanthrene	16.85	178	4156007	43.218	ng		100
71) Anthracene	16.94	178	4135304	43.118	ng		99
72) Carbazole	17.22	167	3325355	39.647	ng		98
73) Di-n-butylphthalate	17.80	149	4192112	41.043	ng	#	97
74) Fluoranthene	18.88	202	4696675	39.411	ng		98
76) Benzidine	19.09	184	2134410	57.821	ng		99
77) Pyrene	19.24	202	4695790	51.215	ng		100
79) Butylbenzylphthalate	20.18	149	1567217	48.069	ng	#	69
80) Benzo(a)anthracene	21.01	228	3782844	42.934	ng		97
81) 3,3'-Dichlorobenzidine	20.96	252	1006833	29.129	ng	#	96
82) Chrysene	21.06	228	3400800	40.210	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2109929	43.990	ng	#	97
84) Di-n-octyl phthalate	21.82	149	3043850	39.101	ng		100
85) Indeno(1,2,3-cd)pyrene	25.21	276	2665883	30.436	ng		97
87) Benzo(b)fluoranthene	22.52	252	2976498	44.303	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	2933856	45.561	ng	#	94
89) Benzo(a)pyrene	23.04	252	2655386	43.679	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	2203337	39.095	ng	#	91
91) Benzo(g,h,i)perylene	25.85	276	2184844	39.480	ng	#	84

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

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