Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
Data File : BM010891.D
Acq On : 19 Jul 2017 13:48
Operator : SJ/JU
Sample : PB100757BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100757BS

Quant Time: Jul 20 01:07:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	232202	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	900258	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	573449	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1298366	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1246985	20.00	ng		0.00
86) Perylene-d12	23.19	264	1050005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1515811	108.14	ng		0.00
7) Phenol-d6	6.64	99	1963298	101.60	ng		0.00
23) Nitrobenzene-d5	8.59	82	1553203	66.32	ng		0.00
41) 2,4,6-Tribromophenol	15.59	330	896011	102.24	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	3266554	70.86	ng		0.00
78) Terphenyl-d14	19.50	244	4151347	64.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	172778	27.934	ng	#	100
3) Pyridine	3.46	79	491610	29.077	ng	#	85
4) n-Nitrosodimethylamine	3.38	42	279065	32.296	ng	#	69
6) Aniline	6.79	93	674029	27.843	ng		92
8) 2-Chlorophenol	7.02	128	463774	33.416	ng		86
9) Benzaldehyde	6.60	77	265297	19.771	ng	#	80
10) Phenol	6.66	94	659366	32.271	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	500184	31.786	ng		94
12) 1,3-Dichlorobenzene	7.33	146	541489	31.571	ng	#	83
13) 1,4-Dichlorobenzene	7.47	146	553996	31.300	ng	#	93
14) 1,2-Dichlorobenzene	7.79	146	520031	30.833	ng	#	90
15) Benzyl Alcohol	7.69	79	605115	33.069	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.97	45	451460	33.091	ng		76
17) 2-Methylphenol	7.89	107	442845	33.513	ng	#	79
18) Hexachloroethane	8.50	117	246291	33.175	ng	#	79
19) n-Nitroso-di-n-propylamine	8.25	70	470866	30.760	ng		91
20) 3+4-Methylphenols	8.22	107	592524	32.275	ng		85
22) Acetophenone	8.26	105	830819	30.651	ng	#	96
24) Nitrobenzene	8.63	77	773146	32.210	ng		90
25) Isophorone	9.15	82	1201407	31.312	ng	#	88
26) 2-Nitrophenol	9.33	139	265459	33.236	ng	#	31
27) 2,4-Dimethylphenol	9.40	122	451801	31.693	ng	#	70
28) bis(2-Chloroethoxy)methane	9.64	93	703023	32.685	ng		97
29) 2,4-Dichlorophenol	9.86	162	514331	31.939	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	638213	32.419	ng		99
31) Naphthalene	10.25	128	1462400	31.947	ng		98
32) Benzoic acid	9.54	122	313968	28.071	ng	#	63
33) 4-Chloroaniline	10.37	127	236866	12.844	ng	#	74
34) Hexachlorobutadiene	10.54	225	494083	32.345	ng		99
35) Caprolactam	11.16	113	132444	30.893	ng	#	85
36) 4-Chloro-3-methylphenol	11.51	107	586267	30.098	ng	#	75
37) 2-Methylnaphthalene	11.87	142	1102155	33.522	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	799905	32.001	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	1259574	87.903	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	490051	31.839	ng		98
43) 2,4,5-Trichlorophenol	12.57	196	503522	33.135	ng	#	87
45) 1,1'-Biphenyl	12.92	154	1536922	30.764	ng		97
46) 2-Chloronaphthalene	12.95	162	1197666	32.695	ng	#	92
47) 2-Nitroaniline	13.17	65	410583	34.096	ng	#	68
48) Acenaphthylene	13.81	152	1790936	32.871	ng		99
49) Dimethylphthalate	13.56	163	1501309	30.774	ng		99
50) 2,6-Dinitrotoluene	13.68	165	311562	32.559	ng	#	62
51) Acenaphthene	14.16	154	1093707	32.852	ng		97
52) 3-Nitroaniline	14.01	138	219248	25.204	ng	#	54
53) 2,4-Dinitrophenol	14.22	184	410536	62.062	ng	#	88
54) Dibenzofuran	14.50	168	1857349	34.490	ng	#	89
55) 4-Nitrophenol	14.33	139	416879	55.178	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	438396	33.016	ng		96
57) Fluorene	15.15	166	1494696	32.287	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	490930	34.770	ng	#	100
59) Diethylphthalate	14.94	149	1498735	31.107	ng		100
60) 4-Chlorophenyl-phenylether	15.15	204	908444	31.946	ng		96
61) 4-Nitroaniline	15.18	138	273356	30.064	ng	#	1
62) Azobenzene	15.44	77	1771863	36.216	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	274789	32.096	ng		88
65) n-Nitrosodiphenylamine	15.37	169	1272887	34.262	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	568947	34.577	ng	#	87
67) Hexachlorobenzene	16.16	284	619222	32.910	ng	#	91
68) Atrazine	16.33	200	496627	32.279	ng		96
69) Pentachlorophenol	16.50	266	733282	60.794	ng		95
70) Phenanthrene	16.89	178	2320514	34.355	ng		99
71) Anthracene	16.98	178	2338081	34.872	ng		100
72) Carbazole	17.26	167	1824649	30.900	ng		99
73) Di-n-butylphthalate	17.84	149	2245924	32.148	ng	#	97
74) Fluoranthene	18.92	202	2659501	31.792	ng		98
76) Benzidine	19.12	184	1355725	40.628	ng		99
77) Pyrene	19.29	202	2666165	36.882	ng		99
79) Butylbenzylphthalate	20.22	149	877555	34.674	ng	#	70
80) Benzo(a)anthracene	21.04	228	2428950	33.616	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	662918	23.333	ng	#	95
82) Chrysene	21.10	228	2229481	32.399	ng		98
83) Bis(2-ethylhexyl)phthalate	21.00	149	1183654	32.116	ng		98
84) Di-n-octyl phthalate	21.86	149	1906214	31.567	ng		99
85) Indeno(1,2,3-cd)pyrene	25.29	276	2435101	30.860	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	2179092	32.672	ng	#	90
88) Benzo(k)fluoranthene	22.60	252	2165204	33.988	ng	#	94
89) Benzo(a)pyrene	23.10	252	2071547	34.123	ng	#	94
90) Dibenzo(a,h)anthracene	25.30	278	1990978	33.790	ng	#	91
91) Benzo(g,h,i)perylene	25.93	276	2044921	35.305	ng	#	84

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

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