Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
Data File : BM010903.D
Acq On : 19 Jul 2017 21:04
Operator : SJ/JU
Sample : I4245-15MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-01-071717-EMSD

Quant Time: Jul 20 01:11:40 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	274108	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1039015	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	677563	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1490018	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1392521	20.00	ng		0.00
86) Perylene-d12	23.19	264	1165214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2264637	136.86	ng		0.00
7) Phenol-d6	6.64	99	2885339	126.48	ng		0.00
23) Nitrobenzene-d5	8.59	82	2448955	90.60	ng		0.00
41) 2,4,6-Tribromophenol	15.59	330	1447923	139.84	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	4947760	90.84	ng		0.00
78) Terphenyl-d14	19.50	244	6649998	92.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	216760	29.687	ng	#	100
3) Pyridine	3.49	79	235970	11.823	ng	#	88
4) n-Nitrosodimethylamine	3.39	42	350335	34.346	ng	#	78
6) Aniline	6.79	93	361225	12.641	ng		95
8) 2-Chlorophenol	7.02	128	703959	42.968	ng		84
9) Benzaldehyde	6.60	77	374106	23.618	ng		83
10) Phenol	6.67	94	981111	40.677	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	775896	41.769	ng		97
12) 1,3-Dichlorobenzene	7.33	146	761372	37.604	ng	#	85
13) 1,4-Dichlorobenzene	7.47	146	777386	37.206	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	735063	36.919	ng	#	92
15) Benzyl Alcohol	7.69	79	917579	42.479	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.97	45	697221	43.292	ng		80
17) 2-Methylphenol	7.89	107	683006	43.786	ng	#	79
18) Hexachloroethane	8.50	117	327530	37.373	ng	#	83
19) n-Nitroso-di-n-propylamine	8.25	70	756059	41.839	ng		92
20) 3+4-Methylphenols	8.22	107	930210	42.923	ng	#	85
22) Acetophenone	8.26	105	1298801	41.517	ng	#	95
24) Nitrobenzene	8.63	77	1180297	42.606	ng	#	89
25) Isophorone	9.15	82	1974232	44.582	ng	#	87
26) 2-Nitrophenol	9.33	139	398356	43.214	ng	#	30
27) 2,4-Dimethylphenol	9.40	122	723029	43.946	ng	#	74
28) bis(2-Chloroethoxy)methane	9.64	93	1113157	44.842	ng		97
29) 2,4-Dichlorophenol	9.86	162	815560	43.882	ng		92
30) 1,2,4-Trichlorobenzene	10.07	180	932559	41.044	ng		96
31) Naphthalene	10.25	128	2291606	43.376	ng		99
32) Benzoic acid	9.55	122	468290	36.276	ng	#	68
33) 4-Chloroaniline	10.37	127	150503	7.071	ng	#	78
34) Hexachlorobutadiene	10.54	225	702720	39.859	ng		99
35) Caprolactam	11.16	113	148267	29.965	ng	#	81
36) 4-Chloro-3-methylphenol	11.50	107	970294	43.160	ng	#	75
37) 2-Methylnaphthalene	11.87	142	1722820	45.402	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1201137	40.669	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	1761739	104.056	ng		96

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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	774473	42.586	ng		93
43) 2,4,5-Trichlorophenol	12.57	196	813446	45.305	ng	#	86
45) 1,1'-Biphenyl	12.92	154	2365868	40.079	ng		97
46) 2-Chloronaphthalene	12.95	162	1880294	43.442	ng	#	93
47) 2-Nitroaniline	13.17	65	675918	47.505	ng	#	73
48) Acenaphthylene	13.81	152	2782293	43.220	ng		99
49) Dimethylphthalate	13.57	163	2428264	42.126	ng	#	99
50) 2,6-Dinitrotoluene	13.68	165	515723	45.613	ng	#	66
51) Acenaphthene	14.16	154	1678155	42.662	ng		98
52) 3-Nitroaniline	14.01	138	321321	31.262	ng	#	56
53) 2,4-Dinitrophenol	14.22	184	693378	88.714	ng	#	86
54) Dibenzofuran	14.50	168	2883514	45.317	ng	#	90
55) 4-Nitrophenol	14.33	139	685847	76.830	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	701784	44.731	ng		96
57) Fluorene	15.15	166	2357744	43.104	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	784027	46.996	ng	#	100
59) Diethylphthalate	14.94	149	2409192	42.320	ng		99
60) 4-Chlorophenyl-phenylether	15.15	204	1409977	41.964	ng		98
61) 4-Nitroaniline	15.18	138	421546	39.238	ng	#	1
62) Azobenzene	15.44	77	2780930	48.107	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	446563	45.450	ng		92
65) n-Nitrosodiphenylamine	15.37	169	2003500	46.991	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	905479	47.951	ng	#	90
67) Hexachlorobenzene	16.16	284	945777	43.801	ng	#	89
68) Atrazine	16.34	200	751330	42.552	ng		97
69) Pentachlorophenol	16.50	266	1197377	86.502	ng		98
70) Phenanthrene	16.89	178	3737149	48.212	ng		100
71) Anthracene	16.98	178	3706967	48.177	ng		99
72) Carbazole	17.26	167	2972421	43.863	ng		99
73) Di-n-butylphthalate	17.84	149	3630805	45.287	ng	#	97
74) Fluoranthene	18.92	202	4193376	43.681	ng		99
77) Pyrene	19.29	202	4250582	52.654	ng		99
79) Butylbenzylphthalate	20.22	149	1411572	49.944	ng	#	71
80) Benzo(a)anthracene	21.04	228	3714621	46.036	ng		100
81) 3,3'-Dichlorobenzidine	20.99	252	963849	30.380	ng	#	97
82) Chrysene	21.10	228	3489120	45.404	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	1907708	46.352	ng	#	99
84) Di-n-octyl phthalate	21.86	149	2940696	43.609	ng	#	99
85) Indeno(1,2,3-cd)pyrene	25.29	276	3848225	43.672	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3430637	46.351	ng	#	92
88) Benzo(k)fluoranthene	22.60	252	3357005	47.486	ng	#	95
89) Benzo(a)pyrene	23.10	252	3209571	47.641	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3175821	48.569	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	3207723	49.904	ng	#	85

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

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