Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010847.D
Acq On : 17 Jul 2017 22:46
Operator : SJ/JU
Sample : PB100668BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100668BS

Quant Time: Jul 18 05:40:31 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	7.45	152	226341	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	902991	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	584753	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1359241	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1295346	20.00	ng		0.00
86) Perylene-d12	23.19	264	1087113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1794511	131.33	ng		0.00
7) Phenol-d6	6.65	99	2255089	119.72	ng		0.00
23) Nitrobenzene-d5	8.59	82	1797342	76.51	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1090356	122.02	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3896800	82.90	ng		0.00
78) Terphenyl-d14	19.51	244	5172709	77.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	197341	32.731	ng	#	100
3) Pyridine	3.46	79	563162	34.172	ng		87
4) n-Nitrosodimethylamine	3.39	42	353994	42.028	ng	#	67
6) Aniline	6.79	93	741694	31.432	ng	#	90
8) 2-Chlorophenol	7.02	128	543728	40.191	ng		89
9) Benzaldehyde	6.60	77	328696	25.130	ng	#	80
10) Phenol	6.67	94	774387	38.882	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	558351	36.401	ng		95
12) 1,3-Dichlorobenzene	7.33	146	631444	37.769	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	629455	36.484	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	595746	36.237	ng	#	88
15) Benzyl Alcohol	7.69	79	711006	39.862	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.98	45	527870	39.694	ng		77
17) 2-Methylphenol	7.89	107	521604	40.496	ng	#	77
18) Hexachloroethane	8.50	117	282983	39.104	ng	#	79
19) n-Nitroso-di-n-propylamine	8.26	70	555018	37.196	ng	#	90
20) 3+4-Methylphenols	8.22	107	689229	38.515	ng	#	84
22) Acetophenone	8.26	105	977349	35.947	ng	#	93
24) Nitrobenzene	8.63	77	898600	37.323	ng	#	88
25) Isophorone	9.16	82	1425540	37.041	ng	#	87
26) 2-Nitrophenol	9.33	139	308396	38.494	ng	#	25
27) 2,4-Dimethylphenol	9.40	122	537415	37.584	ng	#	70
28) bis(2-Chloroethoxy)methane	9.64	93	829689	38.457	ng		96
29) 2,4-Dichlorophenol	9.86	162	633990	39.251	ng		96
30) 1,2,4-Trichlorobenzene	10.07	180	765918	38.788	ng		98
31) Naphthalene	10.26	128	1757515	38.278	ng		99
32) Benzoic acid	9.55	122	365814	32.607	ng	#	63
33) 4-Chloroaniline	10.37	127	243824	13.181	ng	#	79
34) Hexachlorobutadiene	10.55	225	596048	38.902	ng		97
35) Caprolactam	11.16	113	152090	35.368	ng		93
36) 4-Chloro-3-methylphenol	11.51	107	708708	36.273	ng	#	73
37) 2-Methylnaphthalene	11.87	142	1358353	41.189	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	963779	37.812	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1561266	106.851	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	598225	38.116	ng		99
43) 2,4,5-Trichlorophenol	12.58	196	628021	40.529	ng	#	87
45) 1,1'-Biphenyl	12.92	154	1866170	36.632	ng		97
46) 2-Chloronaphthalene	12.96	162	1482389	39.685	ng	#	93
47) 2-Nitroaniline	13.17	65	488991	39.822	ng	#	71
48) Acenaphthylene	13.81	152	2163940	38.950	ng		99
49) Dimethylphthalate	13.57	163	1830418	36.795	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	382469	39.196	ng	#	65
51) Acenaphthene	14.16	154	1315374	38.747	ng		97
52) 3-Nitroaniline	14.01	138	187139	21.097	ng	#	48
53) 2,4-Dinitrophenol	14.22	184	501802	74.393	ng	#	86
54) Dibenzofuran	14.50	168	2273348	41.399	ng	#	89
55) 4-Nitrophenol	14.33	139	533454	69.243	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	528369	39.023	ng		91
57) Fluorene	15.15	166	1850881	39.209	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	607782	42.214	ng	#	100
59) Diethylphthalate	14.95	149	1880230	38.270	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1122317	38.704	ng		97
61) 4-Nitroaniline	15.19	138	341266	36.808	ng	#	1
62) Azobenzene	15.45	77	2229873	44.697	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	332027	37.044	ng		93
65) n-Nitrosodiphenylamine	15.37	169	1571943	40.417	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	716880	41.616	ng	#	85
67) Hexachlorobenzene	16.16	284	755509	38.355	ng	#	86
68) Atrazine	16.34	200	639577	39.708	ng		98
69) Pentachlorophenol	16.50	266	933981	73.965	ng		97
70) Phenanthrene	16.89	178	2924845	41.363	ng		99
71) Anthracene	16.98	178	2932606	41.780	ng		100
72) Carbazole	17.26	167	2327278	37.647	ng		99
73) Di-n-butylphthalate	17.84	149	2823773	38.609	ng	#	95
74) Fluoranthene	18.92	202	3325718	37.976	ng		98
76) Benzidine	19.12	184	1535747	44.304	ng		98
77) Pyrene	19.29	202	3409824	45.408	ng		98
79) Butylbenzylphthalate	20.22	149	1104301	42.004	ng	#	75
80) Benzo(a)anthracene	21.05	228	3082000	41.062	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	743870	25.205	ng	#	97
82) Chrysene	21.10	228	2850480	39.876	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1521170	39.733	ng	#	98
84) Di-n-octyl phthalate	21.86	149	2401303	38.281	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	2959467	36.105	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	2842587	41.165	ng	#	93
88) Benzo(k)fluoranthene	22.61	252	2693720	40.841	ng	#	96
89) Benzo(a)pyrene	23.10	252	2646258	42.101	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	2441686	40.024	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	2460688	41.033	ng	#	85

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

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