Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010814.D
Acq On : 13 Jul 2017 16:07
Operator : SJ/JU
Sample : PB100537BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 13 18:51:44 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	148381	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	576349	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	394810	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1005833	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1317138	20.00	ng		0.00
86) Perylene-d12	23.20	264	1294833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1169309	130.54	ng		0.00
7) Phenol-d6	6.64	99	1496782	121.21	ng		0.00
23) Nitrobenzene-d5	8.59	82	1192391	79.52	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	847325	140.44	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	2636408	83.07	ng		0.00
78) Terphenyl-d14	19.51	244	4997112	73.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	119035	30.116	ng	#	100
3) Pyridine	3.46	79	355132	32.871	ng	#	88
4) n-Nitrosodimethylamine	3.38	42	247271	44.782	ng	#	61
6) Aniline	6.79	93	555536	35.912	ng	#	88
8) 2-Chlorophenol	7.02	128	368942	41.600	ng	#	79
9) Benzaldehyde	6.60	77	237032	27.644	ng		80
10) Phenol	6.67	94	525755	40.268	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	391744	38.958	ng		92
12) 1,3-Dichlorobenzene	7.34	146	425727	38.843	ng	#	81
13) 1,4-Dichlorobenzene	7.48	146	438531	38.772	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	414020	38.414	ng	#	89
15) Benzyl Alcohol	7.69	79	499044	42.678	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	362154	41.541	ng		81
17) 2-Methylphenol	7.89	107	344077	40.748	ng	#	79
18) Hexachloroethane	8.50	117	191304	40.325	ng	#	79
19) n-Nitroso-di-n-propylamine	8.25	70	371563	37.984	ng	#	94
20) 3+4-Methylphenols	8.22	107	483162	41.185	ng	#	84
22) Acetophenone	8.26	105	671491	38.695	ng	#	92
24) Nitrobenzene	8.63	77	610399	39.721	ng		91
25) Isophorone	9.16	82	953859	38.831	ng	#	88
26) 2-Nitrophenol	9.33	139	203025	39.704	ng	#	21
27) 2,4-Dimethylphenol	9.40	122	368742	40.404	ng	#	74
28) bis(2-Chloroethoxy)methane	9.65	93	544492	39.542	ng		98
29) 2,4-Dichlorophenol	9.86	162	419081	40.650	ng		94
30) 1,2,4-Trichlorobenzene	10.07	180	501736	39.809	ng		99
31) Naphthalene	10.26	128	1182745	40.359	ng		98
32) Benzoic acid	9.53	122	252993	35.331	ng	#	66
33) 4-Chloroaniline	10.37	127	367383	31.116	ng	#	75
34) Hexachlorobutadiene	10.55	225	410005	41.925	ng		93
35) Caprolactam	11.15	113	109926m	40.050	ng		
36) 4-Chloro-3-methylphenol	11.51	107	488749	39.193	ng	#	77
37) 2-Methylnaphthalene	11.88	142	915577	43.497	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	648811	37.701	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	1027073	104.109	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	415075	39.170	ng		98
43) 2,4,5-Trichlorophenol	12.58	196	433583	41.443	ng	#	88
45) 1,1'-Biphenyl	12.92	154	1271514	36.967	ng		96
46) 2-Chloronaphthalene	12.96	162	1013195	40.173	ng	#	93
47) 2-Nitroaniline	13.17	65	359489	43.361	ng	#	73
48) Acenaphthylene	13.82	152	1542988	41.134	ng		98
49) Dimethylphthalate	13.57	163	1349050	40.165	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	269408	40.893	ng	#	50
51) Acenaphthene	14.16	154	919073	40.098	ng		99
52) 3-Nitroaniline	14.01	138	187133	31.245	ng	#	40
53) 2,4-Dinitrophenol	14.22	184	393388	86.378	ng	#	84
54) Dibenzofuran	14.50	168	1661683	44.818	ng	#	89
55) 4-Nitrophenol	14.33	139	445901	85.724	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	416147	45.522	ng		95
57) Fluorene	15.16	166	1357549	42.593	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	471567	48.510	ng	#	100
59) Diethylphthalate	14.95	149	1449275	43.690	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	817330	41.746	ng		93
61) 4-Nitroaniline	15.19	138	276881	44.230	ng	#	1
62) Azobenzene	15.45	77	1651625	49.034	ng		86
64) 4,6-Dinitro-2-methylphenol	15.24	198	272482	41.082	ng		90
65) n-Nitrosodiphenylamine	15.38	169	1199237	41.668	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	553094	43.390	ng	#	91
67) Hexachlorobenzene	16.16	284	595829	40.877	ng	#	90
68) Atrazine	16.34	200	522486	43.836	ng		97
69) Pentachlorophenol	16.51	266	786916	84.215	ng		97
70) Phenanthrene	16.90	178	2383254	45.546	ng		99
71) Anthracene	16.99	178	2391100	46.035	ng		100
72) Carbazole	17.26	167	2034614	44.477	ng		99
73) Di-n-butylphthalate	17.84	149	2443548	45.150	ng	#	96
74) Fluoranthene	18.92	202	3090864	47.695	ng		98
76) Benzidine	19.13	184	1679323	47.645	ng		99
77) Pyrene	19.29	202	3201570	41.929	ng		100
79) Butylbenzylphthalate	20.22	149	1175743	43.981	ng	#	72
80) Benzo(a)anthracene	21.05	228	3501039	45.873	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	1130434	37.670	ng	#	96
82) Chrysene	21.10	228	3228180	44.413	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1717963	44.131	ng		97
84) Di-n-octyl phthalate	21.87	149	2983486	46.776	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	4066029	48.784	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3750570	45.601	ng	#	91
88) Benzo(k)fluoranthene	22.62	252	3483519	44.343	ng	#	95
89) Benzo(a)pyrene	23.11	252	3517528	46.985	ng	#	95
90) Dibenzo(a,h)anthracene	25.32	278	3368240	46.355	ng	#	92
91) Benzo(g,h,i)perylene	25.95	276	3318451	46.459	ng	#	84

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

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