Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010848.D
Acq On : 17 Jul 2017 23:22
Operator : SJ/JU
Sample : PB100668BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100668BSD

Quant Time: Jul 18 06:52:23 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	282636	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1216897	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	790256	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1957444	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1940933	20.00	ng		0.00
86) Perylene-d12	23.19	264	1446642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2452022	143.71	ng		0.00
7) Phenol-d6	6.65	99	3225687	137.14	ng		0.00
23) Nitrobenzene-d5	8.59	82	2396553	75.70	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1532865	126.93	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5177891	81.51	ng		0.00
78) Terphenyl-d14	19.51	244	7754643	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	245195	32.568	ng	#	100
3) Pyridine	3.46	79	701391	34.083	ng		90
4) n-Nitrosodimethylamine	3.38	42	396980	37.744	ng	#	74
6) Aniline	6.79	93	1028112	34.892	ng		98
8) 2-Chlorophenol	7.02	128	733667	43.430	ng		88
9) Benzaldehyde	6.60	77	428934	26.262	ng		84
10) Phenol	6.67	94	1084178	43.594	ng		95
11) bis(2-Chloroethyl)ether	6.89	93	774114	40.415	ng		97
12) 1,3-Dichlorobenzene	7.33	146	793911	38.028	ng	#	85
13) 1,4-Dichlorobenzene	7.48	146	811553	37.669	ng	#	90
14) 1,2-Dichlorobenzene	7.79	146	769016	37.459	ng	#	91
15) Benzyl Alcohol	7.69	79	954430	42.851	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.98	45	678315	40.847	ng		74
17) 2-Methylphenol	7.89	107	710963	44.203	ng	#	79
18) Hexachloroethane	8.50	117	350511	38.788	ng	#	81
19) n-Nitroso-di-n-propylamine	8.25	70	732632	39.320	ng	#	90
20) 3+4-Methylphenols	8.22	107	955710	42.769	ng		86
22) Acetophenone	8.26	105	1307320	35.680	ng	#	97
24) Nitrobenzene	8.63	77	1143505	35.244	ng	#	88
25) Isophorone	9.16	82	1932648	37.263	ng	#	86
26) 2-Nitrophenol	9.33	139	408958	37.879	ng	#	37
27) 2,4-Dimethylphenol	9.40	122	745909	38.709	ng	#	73
28) bis(2-Chloroethoxy)methane	9.65	93	1097138	37.736	ng		98
29) 2,4-Dichlorophenol	9.86	162	823142	37.816	ng		96
30) 1,2,4-Trichlorobenzene	10.07	180	945709	35.539	ng		99
31) Naphthalene	10.26	128	2274353	36.757	ng		100
32) Benzoic acid	9.56	122	528214	34.937	ng	#	64
33) 4-Chloroaniline	10.37	127	335367	13.453	ng	#	76
34) Hexachlorobutadiene	10.55	225	728390	35.276	ng		99
35) Caprolactam	11.16	113	222473m	38.389	ng		
36) 4-Chloro-3-methylphenol	11.51	107	995206	37.797	ng	#	77
37) 2-Methylnaphthalene	11.87	142	1713196	38.548	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1233862	35.820	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1924880	97.479	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	773986	36.490	ng		100
43) 2,4,5-Trichlorophenol	12.58	196	833957	39.824	ng	#	88
45) 1,1'-Biphenyl	12.92	154	2432443	35.331	ng		98
46) 2-Chloronaphthalene	12.95	162	1909244	37.821	ng	#	93
47) 2-Nitroaniline	13.17	65	679870	40.969	ng	#	74
48) Acenaphthylene	13.82	152	2838387	37.804	ng		99
49) Dimethylphthalate	13.57	163	2522542	37.521	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	523062	39.665	ng	#	69
51) Acenaphthene	14.16	154	1749795	38.140	ng		99
52) 3-Nitroaniline	14.01	138	291895	24.349	ng	#	35
53) 2,4-Dinitrophenol	14.22	184	720545	79.043	ng	#	87
54) Dibenzofuran	14.50	168	3006336	40.510	ng	#	91
55) 4-Nitrophenol	14.33	139	803937	77.216	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	751156	41.051	ng		95
57) Fluorene	15.15	166	2467326	38.675	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	833468	42.835	ng	#	100
59) Diethylphthalate	14.95	149	2599319	39.149	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1489781	38.016	ng		97
61) 4-Nitroaniline	15.19	138	492931	39.340	ng	#	1
62) Azobenzene	15.45	77	2894637	42.933	ng		90
64) 4,6-Dinitro-2-methylphenol	15.24	198	477879	37.023	ng		91
65) n-Nitrosodiphenylamine	15.37	169	2159764	38.560	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	974329	39.276	ng	#	86
67) Hexachlorobenzene	16.16	284	1020596	35.979	ng	#	85
68) Atrazine	16.34	200	894626	38.569	ng		99
69) Pentachlorophenol	16.50	266	1303006	71.654	ng		97
70) Phenanthrene	16.89	178	3978334	39.068	ng		99
71) Anthracene	16.98	178	4083668	40.399	ng		99
72) Carbazole	17.26	167	3328774	37.392	ng		99
73) Di-n-butylphthalate	17.84	149	4083133	38.767	ng	#	97
74) Fluoranthene	18.92	202	4810669	38.145	ng		98
76) Benzidine	19.12	184	2217965	42.703	ng		99
77) Pyrene	19.29	202	4890872	43.467	ng		100
79) Butylbenzylphthalate	20.22	149	1692323	42.959	ng	#	73
80) Benzo(a)anthracene	21.05	228	4400955	39.131	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1054298	23.841	ng	#	95
82) Chrysene	21.10	228	4090990	38.195	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	2336854	40.736	ng	#	99
84) Di-n-octyl phthalate	21.86	149	3512647	37.372	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3419767	27.844	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3825730	41.633	ng	#	93
88) Benzo(k)fluoranthene	22.61	252	3615017	41.187	ng	#	95
89) Benzo(a)pyrene	23.10	252	3422346	40.917	ng	#	95
90) Dibenzo(a,h)anthracene	25.31	278	2850673	35.115	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	2768379	34.691	ng	#	86

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

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