Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010866.D
Acq On : 18 Jul 2017 10:07
Operator : SJ/JU
Sample : PB100668BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100668BS

Quant Time: Jul 18 14:43:25 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	268722	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1111949	20.00	ng		0.00
38) Acenaphthene-d10	14.09	164	687469	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1491188	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1286015	20.00	ng		0.00
86) Perylene-d12	23.19	264	1089293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2293942	141.41	ng		0.00
7) Phenol-d6	6.65	99	3072792	137.40	ng		0.00
23) Nitrobenzene-d5	8.59	82	2272814	78.57	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1256152	119.57	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4734456	85.67	ng		0.00
78) Terphenyl-d14	19.50	244	5372583	80.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	238795	33.360	ng	#	100
3) Pyridine	3.46	79	663927	33.933	ng		90
4) n-Nitrosodimethylamine	3.38	42	386097	38.610	ng	#	75
6) Aniline	6.79	93	988859	35.297	ng		93
8) 2-Chlorophenol	7.02	128	709458	44.171	ng		88
9) Benzaldehyde	6.60	77	407561	26.246	ng		86
10) Phenol	6.67	94	1059392	44.803	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	745786	40.952	ng		96
12) 1,3-Dichlorobenzene	7.33	146	787912	39.695	ng	#	87
13) 1,4-Dichlorobenzene	7.48	146	801175	39.113	ng	#	93
14) 1,2-Dichlorobenzene	7.79	146	773233	39.615	ng	#	90
15) Benzyl Alcohol	7.69	79	931827	44.003	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	675783	42.802	ng		76
17) 2-Methylphenol	7.89	107	697894	45.637	ng	#	80
18) Hexachloroethane	8.50	117	347314	40.424	ng	#	86
19) n-Nitroso-di-n-propylamine	8.25	70	719452	40.612	ng	#	91
20) 3+4-Methylphenols	8.22	107	927932	43.676	ng		86
22) Acetophenone	8.26	105	1278977	38.201	ng	#	95
24) Nitrobenzene	8.63	77	1129967	38.113	ng		91
25) Isophorone	9.16	82	1856085	39.165	ng	#	87
26) 2-Nitrophenol	9.33	139	403932	40.945	ng	#	36
27) 2,4-Dimethylphenol	9.40	122	712160	40.446	ng	#	69
28) bis(2-Chloroethoxy)methane	9.64	93	1058973	39.861	ng		98
29) 2,4-Dichlorophenol	9.86	162	775868	39.008	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	931381	38.304	ng		97
31) Naphthalene	10.25	128	2211844	39.121	ng		99
32) Benzoic acid	9.56	122	502120	36.346	ng	#	67
33) 4-Chloroaniline	10.37	127	260167	11.421	ng	#	78
34) Hexachlorobutadiene	10.54	225	709036	37.580	ng		96
35) Caprolactam	11.16	113	199768	37.725	ng	#	80
36) 4-Chloro-3-methylphenol	11.51	107	918422	38.173	ng	#	75
37) 2-Methylnaphthalene	11.87	142	1660772	40.896	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1178580	39.331	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1840257	107.127	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	724862	39.284	ng		98
43) 2,4,5-Trichlorophenol	12.58	196	757413	41.577	ng	#	89
45) 1,1'-Biphenyl	12.92	154	2291833	38.266	ng		96
46) 2-Chloronaphthalene	12.96	162	1791522	40.795	ng	#	93
47) 2-Nitroaniline	13.17	65	603047	41.773	ng	#	71
48) Acenaphthylene	13.81	152	2609136	39.946	ng		100
49) Dimethylphthalate	13.57	163	2194374	37.520	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	464742	40.512	ng	#	73
51) Acenaphthene	14.16	154	1591498	39.876	ng		99
52) 3-Nitroaniline	14.01	138	305778	29.321	ng	#	33
53) 2,4-Dinitrophenol	14.22	184	612245	77.205	ng	#	89
54) Dibenzofuran	14.50	168	2659501	41.194	ng	#	88
55) 4-Nitrophenol	14.33	139	627097	69.236	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	611015	38.385	ng	#	96
57) Fluorene	15.15	166	2132122	38.418	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	703325	41.551	ng	#	100
59) Diethylphthalate	14.95	149	2135291	36.968	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1292608	37.916	ng		99
61) 4-Nitroaniline	15.19	138	398966	36.601	ng	#	1
62) Azobenzene	15.45	77	2436795	41.547	ng		90
64) 4,6-Dinitro-2-methylphenol	15.24	198	395209	40.192	ng		95
65) n-Nitrosodiphenylamine	15.37	169	1817125	42.587	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	826454	43.732	ng	#	90
67) Hexachlorobenzene	16.16	284	856658	39.642	ng	#	90
68) Atrazine	16.34	200	697025	39.446	ng		97
69) Pentachlorophenol	16.50	266	1006849	72.680	ng		98
70) Phenanthrene	16.89	178	3241834	41.789	ng		99
71) Anthracene	16.98	178	3226858	41.904	ng		99
72) Carbazole	17.26	167	2538824	37.435	ng		99
73) Di-n-butylphthalate	17.84	149	3024079	37.689	ng	#	96
74) Fluoranthene	18.92	202	3556307	37.015	ng		98
76) Benzidine	19.12	184	1598913	46.461	ng		99
77) Pyrene	19.29	202	3571226	47.902	ng		98
79) Butylbenzylphthalate	20.22	149	1131216	43.340	ng	#	76
80) Benzo(a)anthracene	21.04	228	3090418	41.473	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	889349	30.353	ng	#	97
82) Chrysene	21.10	228	2916055	41.090	ng		98
83) Bis(2-ethylhexyl)phthalate	21.00	149	1552129	40.836	ng	#	99
84) Di-n-octyl phthalate	21.86	149	2444633	39.255	ng	#	99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3067845	37.699	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	2942975	42.533	ng	#	91
88) Benzo(k)fluoranthene	22.60	252	2628291	39.769	ng	#	95
89) Benzo(a)pyrene	23.10	252	2680269	42.557	ng	#	95
90) Dibenzo(a,h)anthracene	25.31	278	2532460	41.429	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	2560073	42.604	ng	#	84

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

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