Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010841.D
Acq On : 17 Jul 2017 16:12
Operator : SJ/JU
Sample : PB100669BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100669BS

Quant Time: Jul 18 06:15:56 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	243563	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1028815	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	708651	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1816411	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1824431	20.00	ng		0.00
86) Perylene-d12	23.20	264	1395613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2031567	138.17	ng		0.00
7) Phenol-d6	6.65	99	2662280	131.34	ng		0.00
23) Nitrobenzene-d5	8.59	82	2088521	78.03	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1484255	137.06	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4692602	82.38	ng		0.00
78) Terphenyl-d14	19.51	244	7573741	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	195761	30.173	ng	#	100
3) Pyridine	3.46	79	603272	34.017	ng	#	86
4) n-Nitrosodimethylamine	3.39	42	379859	41.910	ng	#	69
6) Aniline	6.79	93	961060	37.848	ng		92
8) 2-Chlorophenol	7.02	128	607267	41.714	ng		85
9) Benzaldehyde	6.60	77	432464	30.726	ng		86
10) Phenol	6.67	94	924215	43.124	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	646092	39.143	ng		93
12) 1,3-Dichlorobenzene	7.33	146	710857	39.513	ng	#	85
13) 1,4-Dichlorobenzene	7.48	146	714081	38.462	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	676697	38.250	ng	#	87
15) Benzyl Alcohol	7.69	79	846248	44.089	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.98	45	606189	42.360	ng		75
17) 2-Methylphenol	7.89	107	616599	44.486	ng	#	79
18) Hexachloroethane	8.50	117	310246	39.840	ng	#	78
19) n-Nitroso-di-n-propylamine	8.25	70	651302	40.562	ng	#	92
20) 3+4-Methylphenols	8.22	107	831937	43.202	ng	#	84
22) Acetophenone	8.26	105	1149665	37.114	ng	#	95
24) Nitrobenzene	8.63	77	1034984	37.731	ng		89
25) Isophorone	9.16	82	1721437	39.259	ng	#	87
26) 2-Nitrophenol	9.33	139	360485	39.493	ng	#	32
27) 2,4-Dimethylphenol	9.40	122	639519	39.255	ng	#	71
28) bis(2-Chloroethoxy)methane	9.65	93	972834	39.578	ng		99
29) 2,4-Dichlorophenol	9.86	162	744092	40.433	ng		94
30) 1,2,4-Trichlorobenzene	10.07	180	868382	38.598	ng		99
31) Naphthalene	10.26	128	2045391	39.100	ng		99
32) Benzoic acid	9.56	122	470571	36.815	ng	#	70
33) 4-Chloroaniline	10.37	127	435433	20.660	ng	#	80
34) Hexachlorobutadiene	10.55	225	664330	38.055	ng		99
35) Caprolactam	11.16	113	205467m	41.937	ng		
36) 4-Chloro-3-methylphenol	11.51	107	904190	40.619	ng	#	76
37) 2-Methylnaphthalene	11.88	142	1598706	42.548	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1152395	37.307	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1814598	102.476	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	742889	39.058	ng		99
43) 2,4,5-Trichlorophenol	12.58	196	790611	42.102	ng	#	88
45) 1,1'-Biphenyl	12.92	154	2253677	36.504	ng		98
46) 2-Chloronaphthalene	12.96	162	1785748	39.448	ng	#	92
47) 2-Nitroaniline	13.17	65	644546	43.313	ng	#	77
48) Acenaphthylene	13.82	152	2727545	40.511	ng		100
49) Dimethylphthalate	13.57	163	2407869	39.940	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	499120	42.208	ng	#	60
51) Acenaphthene	14.16	154	1655518	40.240	ng		98
52) 3-Nitroaniline	14.02	138	314359	29.243	ng	#	51
53) 2,4-Dinitrophenol	14.22	184	687274	84.076	ng	#	85
54) Dibenzofuran	14.50	168	2909831	43.725	ng	#	90
55) 4-Nitrophenol	14.34	139	755423	80.912	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	717554	43.730	ng		94
57) Fluorene	15.16	166	2384719	41.685	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	806511	46.223	ng	#	100
59) Diethylphthalate	14.95	149	2514620	42.234	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1447744	41.197	ng		97
61) 4-Nitroaniline	15.19	138	481963	42.894	ng	#	1
62) Azobenzene	15.45	77	2910276	48.136	ng		87
64) 4,6-Dinitro-2-methylphenol	15.25	198	470207	39.257	ng		94
65) n-Nitrosodiphenylamine	15.37	169	2129048	40.963	ng		97
66) 4-Bromophenyl-phenylether	16.05	248	955565	41.511	ng	#	88
67) Hexachlorobenzene	16.16	284	1000760	38.019	ng	#	82
68) Atrazine	16.34	200	901341	41.875	ng		99
69) Pentachlorophenol	16.50	266	1330421	78.842	ng		97
70) Phenanthrene	16.89	178	4020104	42.543	ng		99
71) Anthracene	16.99	178	4035068	43.018	ng		99
72) Carbazole	17.26	167	3374661	40.850	ng		99
73) Di-n-butylphthalate	17.84	149	4152805	42.490	ng	#	96
74) Fluoranthene	18.92	202	4882307	41.718	ng		99
76) Benzidine	19.12	184	2467327	50.537	ng		99
77) Pyrene	19.29	202	4938313	46.691	ng		98
79) Butylbenzylphthalate	20.22	149	1709167	46.158	ng	#	75
80) Benzo(a)anthracene	21.05	228	4467637	42.261	ng		100
81) 3,3'-Dichlorobenzidine	20.99	252	1160195	27.911	ng	#	98
82) Chrysene	21.10	228	4139201	41.112	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	2262585	41.960	ng	#	97
84) Di-n-octyl phthalate	21.86	149	3549287	40.174	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3663411	31.732	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3842850	43.349	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	3792676	44.792	ng	#	95
89) Benzo(a)pyrene	23.10	252	3521988	43.648	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3025077	38.626	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	2920335	37.933	ng	#	86

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

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