Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
Data File : BM010902.D
Acq On : 19 Jul 2017 20:27
Operator : SJ/JU
Sample : I4245-15MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-01-071717-EMS

Quant Time: Jul 20 01:54:03 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	7.44	152	228095	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	926226	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	642901	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1512052	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1387866	20.00	ng		0.00
86) Perylene-d12	23.19	264	1151673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1934421	140.48	ng		0.00
7) Phenol-d6	6.64	99	2453665	129.26	ng		0.00
23) Nitrobenzene-d5	8.59	82	2157999	89.56	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1419104	144.44	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	4670502	90.37	ng		0.00
78) Terphenyl-d14	19.50	244	6660383	92.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	178972	29.456	ng	#	100
3) Pyridine	3.49	79	193534	11.653	ng		89
4) n-Nitrosodimethylamine	3.39	42	325249	38.319	ng	#	67
6) Aniline	6.80	93	294832	12.398	ng		97
8) 2-Chlorophenol	7.02	128	592820	43.483	ng		88
9) Benzaldehyde	6.60	77	317693	24.102	ng		83
10) Phenol	6.67	94	841619	41.933	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	657173	42.514	ng		98
12) 1,3-Dichlorobenzene	7.33	146	629244	37.348	ng	#	82
13) 1,4-Dichlorobenzene	7.47	146	650054	37.388	ng	#	90
14) 1,2-Dichlorobenzene	7.79	146	628836	37.955	ng	#	88
15) Benzyl Alcohol	7.69	79	790467	43.976	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.98	45	602029	44.922	ng		79
17) 2-Methylphenol	7.89	107	598632	46.119	ng	#	80
18) Hexachloroethane	8.50	117	282768	38.774	ng	#	79
19) n-Nitroso-di-n-propylamine	8.25	70	670918	44.618	ng	#	91
20) 3+4-Methylphenols	8.22	107	803130	44.534	ng		85
22) Acetophenone	8.26	105	1139692	40.867	ng	#	95
24) Nitrobenzene	8.63	77	1025536	41.527	ng		90
25) Isophorone	9.15	82	1736919	43.999	ng	#	87
26) 2-Nitrophenol	9.33	139	357235	43.472	ng	#	26
27) 2,4-Dimethylphenol	9.40	122	625401	42.641	ng	#	68
28) bis(2-Chloroethoxy)methane	9.64	93	974936	44.056	ng		98
29) 2,4-Dichlorophenol	9.86	162	734029	44.304	ng		95
30) 1,2,4-Trichlorobenzene	10.07	180	823146	40.640	ng		95
31) Naphthalene	10.25	128	2041285	43.343	ng		98
32) Benzoic acid	9.56	122	424201	36.863	ng	#	58
33) 4-Chloroaniline	10.38	127	117218	6.178	ng	#	78
34) Hexachlorobutadiene	10.54	225	637862	40.586	ng		95
35) Caprolactam	11.16	113	136722m	30.996	ng		
36) 4-Chloro-3-methylphenol	11.50	107	884175	44.119	ng	#	74
37) 2-Methylnaphthalene	11.87	142	1569983	46.412	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1105073	39.434	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	1650330	102.731	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	730660	42.343	ng		97
43) 2,4,5-Trichlorophenol	12.57	196	765765	44.949	ng	#	86
45) 1,1'-Biphenyl	12.92	154	2222512	39.681	ng		98
46) 2-Chloronaphthalene	12.95	162	1775577	43.234	ng	#	93
47) 2-Nitroaniline	13.17	65	644249	47.721	ng	#	72
48) Acenaphthylene	13.81	152	2656064	43.484	ng		99
49) Dimethylphthalate	13.57	163	2316829	42.360	ng	#	98
50) 2,6-Dinitrotoluene	13.68	165	481417	44.875	ng	#	64
51) Acenaphthene	14.16	154	1617449	43.336	ng		98
52) 3-Nitroaniline	14.01	138	291134	29.852	ng	#	41
53) 2,4-Dinitrophenol	14.22	184	673507	90.818	ng	#	90
54) Dibenzofuran	14.50	168	2857773	47.334	ng		92
55) 4-Nitrophenol	14.33	139	650824	76.837	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	669317	44.962	ng		95
57) Fluorene	15.15	166	2289830	44.120	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	774529	48.929	ng	#	100
59) Diethylphthalate	14.95	149	2349152	43.490	ng		99
60) 4-Chlorophenyl-phenylether	15.15	204	1416065	44.417	ng		97
61) 4-Nitroaniline	15.19	138	406419	39.870	ng	#	1
62) Azobenzene	15.44	77	2781637	50.714	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	438806	44.010	ng		98
65) n-Nitrosodiphenylamine	15.37	169	1991152	46.021	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	917213	47.865	ng	#	89
67) Hexachlorobenzene	16.16	284	945998	43.173	ng	#	88
68) Atrazine	16.34	200	729321	40.704	ng		98
69) Pentachlorophenol	16.50	266	1186763	84.486	ng		98
70) Phenanthrene	16.89	178	3713258	47.206	ng		99
71) Anthracene	16.98	178	3678815	47.114	ng		99
72) Carbazole	17.26	167	2935483	42.687	ng		99
73) Di-n-butylphthalate	17.84	149	3591262	44.141	ng	#	96
74) Fluoranthene	18.92	202	4238662	43.509	ng		98
77) Pyrene	19.29	202	4232372	52.604	ng		100
79) Butylbenzylphthalate	20.22	149	1392450	49.433	ng	#	72
80) Benzo(a)anthracene	21.04	228	3750983	46.643	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	809330	25.595	ng	#	98
82) Chrysene	21.10	228	3466204	45.258	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	1892874	46.146	ng		99
84) Di-n-octyl phthalate	21.86	149	2905645	43.234	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	3813824	43.427	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3382724	46.241	ng	#	93
88) Benzo(k)fluoranthene	22.60	252	3336877	47.756	ng	#	94
89) Benzo(a)pyrene	23.10	252	3201994	48.087	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3131799	48.459	ng	#	90
91) Benzo(g,h,i)perylene	25.93	276	3176874	50.006	ng	#	86

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

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