Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010079.D
Acq On : 19 May 2017 21:14
Operator : SJ/MA
Sample : I3202-15MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-1COMPMSD

Quant Time: May 20 04:01:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	173542	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	601148	20.00	ng		0.00
38) Acenaphthene-d10	14.60	164	378280	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	905768	20.00	ng		0.00
75) Chrysene-d12	21.51	240	1423673	20.00	ng		0.00
86) Perylene-d12	23.88	264	1397939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1278983	133.09	ng		0.00
7) Phenol-d6	7.16	99	1532577	123.94	ng		0.00
23) Nitrobenzene-d5	9.16	82	1071420	96.16	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	860358	149.75	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	2767955	94.07	ng		0.00
78) Terphenyl-d14	19.95	244	5009233	80.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	184468	41.78	ng	#	100
3) Pyridine	3.88	79	404355	34.21	ng		92
4) n-Nitrosodimethylamine	3.78	42	212007	49.59	ng		90
6) Aniline	7.33	93	434453	28.36	ng		94
8) 2-Chlorophenol	7.55	128	495988	47.44	ng		96
9) Benzaldehyde	7.13	77	154683	20.09	ng		93
10) Phenol	7.19	94	585498	44.93	ng		84
11) bis(2-Chloroethyl)ether	7.41	93	446323	45.95	ng		98
12) 1,3-Dichlorobenzene	7.86	146	575405	43.31	ng	#	94
13) 1,4-Dichlorobenzene	8.01	146	588665	43.13	ng		96
14) 1,2-Dichlorobenzene	8.33	146	563516	43.01	ng		96
15) Benzyl Alcohol	8.24	79	469251	50.16	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	397146	41.58	ng		79
17) 2-Methylphenol	8.43	107	424417	45.77	ng	#	88
18) Hexachloroethane	9.05	117	192323	43.47	ng	#	75
19) n-Nitroso-di-n-propylamine	8.79	70	410022	46.98	ng		90
20) 3+4-Methylphenols	8.77	107	561233	44.82	ng		91
22) Acetophenone	8.82	105	753749	48.91	ng	#	97
24) Nitrobenzene	9.20	77	607419	52.92	ng		99
25) Isophorone	9.72	82	1016212	52.78	ng		94
26) 2-Nitrophenol	9.90	139	248884	51.44	ng	#	68
27) 2,4-Dimethylphenol	9.96	122	445937	51.04	ng	#	81
28) bis(2-Chloroethoxy)methane	10.19	93	583048	47.72	ng		100
29) 2,4-Dichlorophenol	10.43	162	536230	53.31	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	613041	47.10	ng		99
31) Naphthalene	10.83	128	1544495	48.03	ng		99
32) Benzoic acid	10.10	122	269932	45.34	ng		85
33) 4-Chloroaniline	10.97	127	96520	7.79	ng	#	87
34) Hexachlorobutadiene	11.08	225	401334	46.23	ng		94
35) Caprolactam	11.79	113	120919	41.89	ng	#	81
36) 4-Chloro-3-methylphenol	12.09	107	542251	49.77	ng		85
37) 2-Methylnaphthalene	12.43	142	1167751	50.43	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	712901	49.01	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	997102	118.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	463931	54.15	ng		100
43) 2,4,5-Trichlorophenol	13.12	196	498383	52.64	ng	#	91
45) 1,1'-Biphenyl	13.44	154	1543050	49.60	ng		99
46) 2-Chloronaphthalene	13.49	162	1234159	49.00	ng		96
47) 2-Nitroaniline	13.72	65	331372	51.16	ng		86
48) Acenaphthylene	14.33	152	1907950	51.23	ng		100
49) Dimethylphthalate	14.07	163	1604446	47.55	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	334459	52.20	ng		93
51) Acenaphthene	14.67	154	1161360	50.16	ng		99
52) 3-Nitroaniline	14.55	138	175875	29.53	ng	#	71
53) 2,4-Dinitrophenol	14.74	184	430070	99.36	ng	#	80
54) Dibenzofuran	15.00	168	1963311	53.93	ng		96
55) 4-Nitrophenol	14.86	139	478168	99.77	ng	#	47
56) 2,4-Dinitrotoluene	14.98	165	474913	52.39	ng	#	78
57) Fluorene	15.65	166	1587706	50.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	458982	56.92	ng	#	100
59) Diethylphthalate	15.42	149	1517156	47.56	ng		96
60) 4-Chlorophenyl-phenylether	15.64	204	878545	49.43	ng		97
61) 4-Nitroaniline	15.72	138	260840	43.15	ng	#	42
62) Azobenzene	15.93	77	1382141	58.92	ng		93
64) 4,6-Dinitro-2-methylphenol	15.73	198	285660	51.62	ng		77
65) n-Nitrosodiphenylamine	15.86	169	1226668	45.19	ng		100
66) 4-Bromophenyl-phenylether	16.53	248	584899	50.44	ng		93
67) Hexachlorobenzene	16.63	284	665267	47.22	ng		96
68) Atrazine	16.80	200	239788	23.30	ng		97
69) Pentachlorophenol	16.99	266	817915	105.71	ng		100
70) Phenanthrene	17.39	178	2607716	51.46	ng		99
71) Anthracene	17.48	178	2632303	52.34	ng		99
72) Carbazole	17.77	167	1899919	42.67	ng		98
73) Di-n-butylphthalate	18.29	149	2538757	48.09	ng	#	98
74) Fluoranthene	19.40	202	3345382	50.84	ng		98
77) Pyrene	19.76	202	3444422	45.13	ng		100
79) Butylbenzylphthalate	20.63	149	1300221	46.02	ng	#	87
80) Benzo(a)anthracene	21.49	228	3947038	50.31	ng		99
81) 3,3'-Dichlorobenzidine	21.43	252	505027	16.00	ng	#	98
82) Chrysene	21.54	228	3622162	48.67	ng		99
83) Bis(2-ethylhexyl)phthalate	21.38	149	1931390	45.71	ng	#	95
84) Di-n-octyl phthalate	22.29	149	3651739	48.27	ng		96
85) Indeno(1,2,3-cd)pyrene	26.31	276	6276461	57.52	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	4956228	60.58	ng	#	94
88) Benzo(k)fluoranthene	23.20	252	4674264	58.31	ng	#	96
89) Benzo(a)pyrene	23.77	252	4725039	60.61	ng	#	98
90) Dibenzo(a,h)anthracene	26.33	278	5432040	62.31	ng	#	92
91) Benzo(g,h,i)perylene	27.07	276	5108963	59.81	ng	#	87

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

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