Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010071.D
Acq On : 19 May 2017 12:48
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: May 19 13:21:11 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 12:57:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	231290	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	875722	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	572638	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1436607	20.00	ng		0.00
75) Chrysene-d12	21.52	240	2049238	20.00	ng		0.00
86) Perylene-d12	23.89	264	2225034	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1575017	106.57	ng		0.00
7) Phenol-d6	7.17	99	2055282	86.79	ng		0.00
23) Nitrobenzene-d5	9.17	82	2120253	88.48	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1155427	147.43	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	5544564	129.49	ng		0.00
78) Terphenyl-d14	19.96	244	10730519	110.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	368291	67.26	ng	#	100
3) Pyridine	3.87	79	1035499	51.31	ng		89
4) n-Nitrosodimethylamine	3.78	42	381546	34.52	ng	#	96
6) Aniline	7.33	93	1270171	41.31	ng		95
8) 2-Chlorophenol	7.55	128	848178	52.86	ng		97
9) Benzaldehyde	7.14	77	559595	31.57	ng		93
10) Phenol	7.20	94	1071432	41.63	ng		86
11) bis(2-Chloroethyl)ether	7.41	93	809056	40.43	ng		98
12) 1,3-Dichlorobenzene	7.86	146	1089460	60.82	ng	#	94
13) 1,4-Dichlorobenzene	8.01	146	1101539	60.01	ng		97
14) 1,2-Dichlorobenzene	8.33	146	1075608	60.44	ng		96
15) Benzyl Alcohol	8.25	79	816383	40.45	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.50	45	721979	22.74	ng		80
17) 2-Methylphenol	8.44	107	758278	45.14	ng	#	90
18) Hexachloroethane	9.05	117	369106	48.50	ng	#	72
19) n-Nitroso-di-n-propylamine	8.80	70	734598	34.19	ng		90
20) 3+4-Methylphenols	8.77	107	1039429	45.45	ng		92
22) Acetophenone	8.82	105	1387095	51.81	ng	#	95
24) Nitrobenzene	9.21	77	1072601	42.06	ng		99
25) Isophorone	9.73	82	1815078	44.01	ng		94
26) 2-Nitrophenol	9.91	139	464679	60.52	ng	#	77
27) 2,4-Dimethylphenol	9.97	122	795072	55.32	ng		86
28) bis(2-Chloroethoxy)methane	10.20	93	1108273	44.61	ng		98
29) 2,4-Dichlorophenol	10.44	162	949730	67.91	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	1174613	71.93	ng		98
31) Naphthalene	10.84	128	2838675	58.88	ng		100
32) Benzoic acid	10.14	122	569516	59.23	ng		88
33) 4-Chloroaniline	10.97	127	1130739	55.17	ng	#	87
34) Hexachlorobutadiene	11.08	225	797980	71.82	ng		95
35) Caprolactam	11.82	113	273819	50.11	ng	#	80
36) 4-Chloro-3-methylphenol	12.09	107	1020735	54.62	ng		85
37) 2-Methylnaphthalene	12.43	142	2075815	60.15	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	1381608	66.29	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	843937	264.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	865607	67.46	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	935852	67.14	ng	#	94
45) 1,1'-Biphenyl	13.45	154	2921172	61.30	ng		100
46) 2-Chloronaphthalene	13.49	162	2358140	62.97	ng		97
47) 2-Nitroaniline	13.73	65	651147	38.41	ng		85
48) Acenaphthylene	14.34	152	3573599	60.60	ng		100
49) Dimethylphthalate	14.08	163	3185830	63.12	ng	#	99
50) 2,6-Dinitrotoluene	14.21	165	642405	62.80	ng		99
51) Acenaphthene	14.67	154	2160948	58.15	ng		98
52) 3-Nitroaniline	14.56	138	580206	53.41	ng	#	73
53) 2,4-Dinitrophenol	14.74	184	377901	79.40	ng	#	76
54) Dibenzofuran	15.01	168	3415987	60.00	ng		98
55) 4-Nitrophenol	14.87	139	473063	65.03	ng	#	53
56) 2,4-Dinitrotoluene	14.99	165	882196	58.30	ng	#	76
57) Fluorene	15.66	166	3001394	59.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	805975	66.93	ng	#	100
59) Diethylphthalate	15.43	149	3029899	57.17	ng		97
60) 4-Chlorophenyl-phenylether	15.64	204	1678615	61.24	ng		97
61) 4-Nitroaniline	15.73	138	595841	53.84	ng	#	48
62) Azobenzene	15.94	77	2352560	36.59	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	572475	66.30	ng		78
65) n-Nitrosodiphenylamine	15.87	169	2617261	58.71	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1127582	66.09	ng		97
67) Hexachlorobenzene	16.63	284	1337491	70.63	ng		98
68) Atrazine	16.82	200	1014148	62.25	ng		99
69) Pentachlorophenol	16.99	266	816078	101.30	ng		98
70) Phenanthrene	17.40	178	4872883	59.09	ng		99
71) Anthracene	17.49	178	4916434	58.45	ng		100
72) Carbazole	17.77	167	4293838	57.18	ng		98
73) Di-n-butylphthalate	18.29	149	5259306	55.09	ng	#	99
74) Fluoranthene	19.40	202	6356543	60.08	ng		98
76) Benzidine	19.60	184	2215076	43.24	ng		98
77) Pyrene	19.76	202	6596935	54.09	ng		100
79) Butylbenzylphthalate	20.64	149	2558667	50.39	ng	#	89
80) Benzo(a)anthracene	21.50	228	6775535	55.03	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	2768708	61.04	ng	#	97
82) Chrysene	21.55	228	6498452	56.28	ng		99
83) Bis(2-ethylhexyl)phthalate	21.39	149	3812488	50.28	ng	#	95
84) Di-n-octyl phthalate	22.30	149	6930426	53.27	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.33	276	9557637	98.20	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	7920799	52.57	ng	#	93
88) Benzo(k)fluoranthene	23.21	252	7772578	54.29	ng	#	95
89) Benzo(a)pyrene	23.79	252	7597906	57.19	ng	#	98
90) Dibenzo(a,h)anthracene	26.34	278	8535085	72.80	ng	#	93
91) Benzo(g,h,i)perylene	27.09	276	8257913	76.44	ng	#	88

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

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