Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010185.D
Acq On : 24 May 2017 17:50
Operator : SJ/MA
Sample : I3290-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-TP-4MSD

Quant Time: May 25 05:27:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	131176	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	442946	20.00	ng		-0.03
38) Acenaphthene-d10	14.59	164	282040	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	694852	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1107780	20.00	ng		-0.02
86) Perylene-d12	23.84	264	1191225	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	882101	121.44	ng		-0.02
7) Phenol-d6	7.14	99	999111	106.89	ng		-0.03
23) Nitrobenzene-d5	9.14	82	785184	95.64	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	581999	135.87	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	1960347	89.35	ng		-0.03
78) Terphenyl-d14	19.93	244	3572194	73.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	123205	36.91	ng	#	100
3) Pyridine	3.86	79	260680	29.18	ng		90
4) n-Nitrosodimethylamine	3.76	42	154601	47.84	ng	#	75
6) Aniline	7.30	93	322398	27.84	ng		94
8) 2-Chlorophenol	7.52	128	294462	37.26	ng		93
9) Benzaldehyde	7.12	77	90416	15.54	ng		86
10) Phenol	7.16	94	336248	34.14	ng		91
11) bis(2-Chloroethyl)ether	7.39	93	280214	38.16	ng		94
12) 1,3-Dichlorobenzene	7.83	146	346942	34.55	ng	#	91
13) 1,4-Dichlorobenzene	7.99	146	351413	34.06	ng		95
14) 1,2-Dichlorobenzene	8.30	146	342403	34.58	ng		96
15) Benzyl Alcohol	8.21	79	288858	40.85	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	225104	31.18	ng		78
17) 2-Methylphenol	8.41	107	245396	35.01	ng	#	83
18) Hexachloroethane	9.02	117	118814	35.53	ng	#	69
19) n-Nitroso-di-n-propylamine	8.76	70	248977	37.74	ng		95
20) 3+4-Methylphenols	8.74	107	320151	33.82	ng		89
22) Acetophenone	8.79	105	461894	40.68	ng	#	96
24) Nitrobenzene	9.18	77	387196	45.78	ng		95
25) Isophorone	9.69	82	607385	42.81	ng	#	93
26) 2-Nitrophenol	9.88	139	147297	41.32	ng	#	53
27) 2,4-Dimethylphenol	9.93	122	247529	38.45	ng	#	78
28) bis(2-Chloroethoxy)methane	10.17	93	340874	37.86	ng		99
29) 2,4-Dichlorophenol	10.41	162	311223	41.99	ng		93
30) 1,2,4-Trichlorobenzene	10.61	180	379803	39.61	ng		98
31) Naphthalene	10.81	128	892359	37.66	ng		99
32) Benzoic acid	10.07	122	151934	34.63	ng		90
33) 4-Chloroaniline	10.96	127	101706	11.14	ng	#	81
34) Hexachlorobutadiene	11.06	225	262191	40.99	ng		98
35) Caprolactam	11.76	113	59917	28.17	ng	#	86
36) 4-Chloro-3-methylphenol	12.06	107	302614	37.70	ng		84
37) 2-Methylnaphthalene	12.41	142	674734	39.55	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	443421	40.88	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	611699	97.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	273379	42.79	ng		98
43) 2,4,5-Trichlorophenol	13.10	196	298070	42.23	ng	#	92
45) 1,1'-Biphenyl	13.42	154	904330	38.99	ng		99
46) 2-Chloronaphthalene	13.46	162	724303	38.57	ng		96
47) 2-Nitroaniline	13.70	65	213272	44.17	ng	#	79
48) Acenaphthylene	14.31	152	1103321	39.73	ng		100
49) Dimethylphthalate	14.05	163	936953	37.24	ng	#	99
50) 2,6-Dinitrotoluene	14.18	165	198912	41.64	ng	#	84
51) Acenaphthene	14.65	154	680538	39.43	ng		98
52) 3-Nitroaniline	14.53	138	144583	32.56	ng	#	66
53) 2,4-Dinitrophenol	14.72	184	256401	80.72	ng	#	88
54) Dibenzofuran	14.98	168	1149802	42.36	ng		96
55) 4-Nitrophenol	14.84	139	267221	74.78	ng	#	34
56) 2,4-Dinitrotoluene	14.96	165	278284	41.17	ng		87
57) Fluorene	15.63	166	943923	39.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.20	232	284212	47.27	ng	#	100
59) Diethylphthalate	15.40	149	892617	37.53	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	530008	39.99	ng		97
61) 4-Nitroaniline	15.70	138	157488	34.94	ng	#	27
62) Azobenzene	15.91	77	889399	50.85	ng		89
64) 4,6-Dinitro-2-methylphenol	15.71	198	172644	40.67	ng		85
65) n-Nitrosodiphenylamine	15.85	169	786006	37.74	ng		98
66) 4-Bromophenyl-phenylether	16.52	248	357666	40.21	ng		96
67) Hexachlorobenzene	16.61	284	399528	36.97	ng		95
68) Atrazine	16.79	200	162223	20.55	ng		96
69) Pentachlorophenol	16.97	266	492589	82.99	ng		98
70) Phenanthrene	17.37	178	1548659	39.84	ng		100
71) Anthracene	17.46	178	1581958	41.00	ng		99
72) Carbazole	17.74	167	1319813	38.64	ng		99
73) Di-n-butylphthalate	18.27	149	1505841	37.18	ng	#	97
74) Fluoranthene	19.37	202	2054473	40.70	ng		97
76) Benzidine	19.58	184	175097	8.57	ng		97
77) Pyrene	19.74	202	2108460	35.50	ng		100
79) Butylbenzylphthalate	20.62	149	757509	34.45	ng	#	87
80) Benzo(a)anthracene	21.47	228	2436016	39.90	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	354671	14.44	ng	#	97
82) Chrysene	21.53	228	2187582	37.78	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1132556	34.45	ng	#	97
84) Di-n-octyl phthalate	22.26	149	2101485	35.70	ng		98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3750972	44.17	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	2874424	41.23	ng	#	93
88) Benzo(k)fluoranthene	23.17	252	2792791	40.89	ng	#	96
89) Benzo(a)pyrene	23.74	252	2775467	41.78	ng	#	96
90) Dibenzo(a,h)anthracene	26.27	278	3160300	42.54	ng	#	92
91) Benzo(g,h,i)perylene	27.02	276	3057400	42.00	ng	#	86

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

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