Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017917.D
Acq On : 04 Dec 2018 23:59
Operator : JU/SJ
Sample : J5761-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-06-112918MSD

Quant Time: Dec 05 01:23:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	257598	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	990533	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	475778	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	903146	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	868190	20.00	ng	-0.01
87) Perylene-d12	23.39	264	944748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1640976	107.51	ng	-0.02
7) Phenol-d6	6.79	99	2191752	102.81	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1289046	67.18	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	665630	97.37	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	2676524	72.98	ng	-0.03
79) Terphenyl-d14	19.64	244	2816870	73.53	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	139015	21.868	ng	# 85
3) Pyridine	3.59	79	435920	23.378	ng	# 83
4) n-Nitrosodimethylamine	3.51	42	198404	24.154	ng	# 76
6) Aniline	6.93	93	280492	10.610	ng	95
8) 2-Chlorophenol	7.16	128	623273	34.120	ng	90
9) Benzaldehyde	6.75	77	324589	20.901	ng	94
10) Phenol	6.81	94	889847	39.768	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	559718	31.687	ng	94
12) 1,3-Dichlorobenzene	7.47	146	654597	31.940	ng	96
13) 1,4-Dichlorobenzene	7.62	146	673769	32.074	ng	97
14) 1,2-Dichlorobenzene	7.93	146	649371	31.880	ng	99
15) Benzyl Alcohol	7.83	79	514388	30.299	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	620916	23.087	ng	88
17) 2-Methylphenol	8.03	107	510877	33.892	ng	96
18) Hexachloroethane	8.63	117	176836	23.884	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	437642	28.591	ng	90
20) 3+4-Methylphenols	8.36	107	677955	32.371	ng	97
22) Acetophenone	8.41	105	902329	36.499	ng	# 93
24) Nitrobenzene	8.78	77	642854	33.023	ng	96
25) Isophorone	9.30	82	1146340	38.682	ng	98
26) 2-Nitrophenol	9.48	139	274704	30.636	ng	95
27) 2,4-Dimethylphenol	9.55	122	553616	42.840	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	724810	36.112	ng	98
29) 2,4-Dichlorophenol	10.02	162	548152	36.540	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	587450	33.670	ng	95
31) Naphthalene	10.40	128	1860878	38.210	ng	99
32) Benzoic acid	9.69	122	111082	9.489	ng	96
33) 4-Chloroaniline	10.53	127	315197	14.778	ng	97
34) Hexachlorobutadiene	10.67	225	359413	33.182	ng	98
35) Caprolactam	11.35	113	165204	29.904	ng	# 77
36) 4-Chloro-3-methylphenol	11.67	107	567074	32.741	ng	99
37) 2-Methylnaphthalene	12.03	142	1327395	38.564	ng	96
38) 1-Methylnaphthalene	12.25	142	1223573	36.254	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	615084	36.662	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	20606	2.377 ng		97
43) 2,4,6-Trichlorophenol	12.66	196	415426	39.532 ng		99
44) 2,4,5-Trichlorophenol	12.73	196	421680	38.003 ng		98
46) 1,1'-Biphenyl	13.06	154	1524603	35.700 ng		99
47) 2-Chloronaphthalene	13.10	162	1144830	36.116 ng		98
48) 2-Nitroaniline	13.32	65	356943	36.412 ng		90
49) Acenaphthylene	13.95	152	1826086	38.343 ng		100
50) Dimethylphthalate	13.70	163	1749538	45.228 ng		99
51) 2,6-Dinitrotoluene	13.83	165	271991	31.577 ng		94
52) Acenaphthene	14.30	154	1082614	37.040 ng		97
53) 3-Nitroaniline	14.16	138	299073	31.891 ng		96
54) 2,4-Dinitrophenol	14.39	184	11153	9.055 ng		87
55) Dibenzofuran	14.64	168	1695503	35.497 ng		98
56) 4-Nitrophenol	14.49	139	460949	59.809 ng		93
57) 2,4-Dinitrotoluene	14.63	165	346463	29.839 ng		97
58) Fluorene	15.29	166	1389747	38.006 ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	353947	34.681 ng		99
60) Diethylphthalate	15.08	149	1347898	32.250 ng		100
61) 4-Chlorophenyl-phenylether	15.29	204	646899	31.138 ng		98
62) 4-Nitroaniline	15.33	138	313926	35.519 ng		92
63) Azobenzene	15.59	77	1171741	30.327 ng		93
65) 4,6-Dinitro-2-methylphenol	15.40	198	15230	2.434 ng	#	72
66) n-Nitrosodiphenylamine	15.51	169	1124177	38.715 ng		99
67) 4-Bromophenyl-phenylether	16.19	248	389301	36.447 ng		97
68) Hexachlorobenzene	16.30	284	413404	34.332 ng		94
69) Atrazine	16.47	200	382564	35.821 ng		95
70) Pentachlorophenol	16.65	266	479649	56.850 ng		97
71) Phenanthrene	17.04	178	2629255	53.651 ng		99
72) Anthracene	17.13	178	2094200	43.915 ng		99
73) Carbazole	17.40	167	1692171	35.116 ng		100
74) Di-n-butylphthalate	17.97	149	2054516	38.300 ng		99
75) Fluoranthene	19.06	202	2884722	52.024 ng		99
77) Benzidine	19.27	184	1125577	39.813 ng		100
78) Pyrene	19.43	202	2773967	51.784 ng		100
80) Butylbenzylphthalate	20.34	149	862399	39.637 ng		99
81) Benzo(a)anthracene	21.19	228	2281849	45.621 ng		100
82) 3,3'-Dichlorobenzidine	21.13	252	432567	22.408 ng		99
83) Chrysene	21.24	228	2087146	42.963 ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1239760	38.545 ng		98
85) Di-n-octyl phthalate	21.99	149	2148398	41.714 ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.58	276	2428453	62.555 ng		99
88) Benzo(b)fluoranthene	22.74	252	2432723	43.970 ng		98
89) Benzo(k)fluoranthene	22.78	252	1977901	35.369 ng		99
90) Benzo(a)pyrene	23.30	252	2223747	44.081 ng		99
91) Dibenzo(a,h)anthracene	25.59	278	1936555	45.661 ng		99
92) Benzo(g,h,i)perylene	26.24	276	2064194	51.757 ng		99

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

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