Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018948.D
Acq On : 27 Feb 2019 14:19
Operator : JU/SJ
Sample : PB117349BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:19 PM

Quant Time: Feb 28 03:26:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	324793	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1455680	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	847624	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1941456	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	2165120	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1754220	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2686074	135.50	ng	-0.02
7) Phenol-d6	6.87	99	4316794	154.58	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2269162	72.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1988484	162.75	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	4534618	71.02	ng	-0.02
79) Terphenyl-d14	19.73	244	8342119	79.48	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	287216	33.266	ng	100
3) Pyridine	3.64	79	984634	41.810	ng	100
4) n-Nitrosodimethylamine	3.56	42	293528	48.994	ng	93
6) Aniline	7.04	93	1554177	45.423	ng	99
8) 2-Chlorophenol	7.26	128	970900	44.611	ng	99
9) Benzaldehyde	6.85	77	657821	44.356	ng	99
10) Phenol	6.90	94	1348762	45.903	ng	98
11) bis(2-Chloroethyl)ether	7.13	93	980529	43.746	ng	99
12) 1,3-Dichlorobenzene	7.58	146	996983	40.739	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1034342	41.517	ng	99
14) 1,2-Dichlorobenzene	8.04	146	1018442	42.557	ng	99
15) Benzyl Alcohol	7.95	79	1053355	47.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	961187	44.307	ng	98
17) 2-Methylphenol	8.14	107	872902	46.676	ng	97
18) Hexachloroethane	8.75	117	390365	42.922	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	990554	45.812	ng	99
20) 3+4-Methylphenols	8.47	107	1215467	47.067	ng	99
22) Acetophenone	8.53	105	1630115	40.778	ng	100
24) Nitrobenzene	8.90	77	1373961	42.045	ng	100
25) Isophorone	9.43	82	2502437	49.817	ng	99
26) 2-Nitrophenol	9.61	139	593384	45.597	ng	99
27) 2,4-Dimethylphenol	9.66	122	862862	45.396	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1404144	43.227	ng	100
29) 2,4-Dichlorophenol	10.13	162	969687	44.430	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	1042595	41.365	ng	98
31) Naphthalene	10.53	128	3185747	44.873	ng	99
32) Benzoic acid	9.85	122	735153	44.339	ng	97
33) 4-Chloroaniline	10.66	127	1389899	43.796	ng	98
34) Hexachlorobutadiene	10.79	225	566467	38.720	ng	100
35) Caprolactam	11.49	113	357300m	40.114	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1151615	43.765	ng	97
37) 2-Methylnaphthalene	12.15	142	2368974	47.394	ng	99
38) 1-Methylnaphthalene	12.37	142	2246926	45.969	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1122325	41.392	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	1055297	76.123 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	783265	43.636 ng	99
44) 2,4,5-Trichlorophenol	12.84	196	837582	44.519 ng	98
46) 1,1'-Biphenyl	13.17	154	2978122	40.818 ng	100
47) 2-Chloronaphthalene	13.22	162	2335599	41.445 ng	99
48) 2-Nitroaniline	13.44	65	865016	46.217 ng	99
49) Acenaphthylene	14.07	152	3748110	44.667 ng	100
50) Dimethylphthalate	13.82	163	2968301	42.020 ng	99
51) 2,6-Dinitrotoluene	13.95	165	673148	43.990 ng	96
52) Acenaphthene	14.41	154	2198337	42.725 ng	100
53) 3-Nitroaniline	14.28	138	727525	42.078 ng	99
54) 2,4-Dinitrophenol	14.49	184	830605	85.144 ng	94
55) Dibenzofuran	14.75	168	3580043	42.332 ng	98
56) 4-Nitrophenol	14.60	139	1229768	89.099 ng	97
57) 2,4-Dinitrotoluene	14.73	165	977427	46.359 ng	97
58) Fluorene	15.40	166	2989127	46.200 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	744054	44.742 ng	100
60) Diethylphthalate	15.18	149	3087163	42.366 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1465559	40.400 ng	99
62) 4-Nitroaniline	15.45	138	732779	43.231 ng	98
63) Azobenzene	15.69	77	3353620	42.923 ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	527490	38.697 ng	98
66) n-Nitrosodiphenylamine	15.62	169	2572559	41.940 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	882859	40.626 ng	99
68) Hexachlorobenzene	16.40	284	1045263	41.381 ng	96
69) Atrazine	16.57	200	352308	17.816 ng	99
70) Pentachlorophenol	16.75	266	1290630	79.355 ng	100
71) Phenanthrene	17.14	178	4672952	44.787 ng	100
72) Anthracene	17.23	178	4752563	46.798 ng	99
73) Carbazole	17.51	167	4379130	41.274 ng	99
74) Di-n-butylphthalate	18.06	149	5479215	44.903 ng	100
75) Fluoranthene	19.17	202	5519366	45.795 ng	99
77) Benzidine	19.37	184	3288785	67.446 ng	100
78) Pyrene	19.53	202	5679062	45.162 ng	100
80) Butylbenzylphthalate	20.43	149	2760107	48.162 ng	97
81) Benzo(a)anthracene	21.28	228	5702455	45.183 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	2267630	45.462 ng	100
83) Chrysene	21.34	228	5296388	43.783 ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	4052473	48.314 ng	100
85) Di-n-octyl phthalate	22.08	149	6894381	48.906 ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	5166534	36.992 ng	100
88) Benzo(b)fluoranthene	22.87	252	5340007	53.206 ng	100
89) Benzo(k)fluoranthene	22.92	252	4955559	49.595 ng	100
90) Benzo(a)pyrene	23.46	252	4813872	50.630 ng	99
91) Dibenzo(a,h)anthracene	25.85	278	4470751	47.461 ng	99
92) Benzo(g,h,i)perylene	26.54	276	4114106	46.913 ng	99

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

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