Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018951.D
Acq On : 27 Feb 2019 16:08
Operator : JU/SJ
Sample : PB117415BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:23 PM

Quant Time: Feb 28 03:35:55 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	221123	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	959421	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	555785	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1219709	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	1387232	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1225306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2049695	151.88	ng	-0.02
7) Phenol-d6	6.87	99	2982165	156.86	ng	-0.01
23) Nitrobenzene-d5	8.86	82	1893741	91.27	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1147889	143.28	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3797127	90.69	ng	-0.02
79) Terphenyl-d14	19.73	244	6239890	92.79	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	178397	30.350	ng	98
3) Pyridine	3.63	79	573496	35.769	ng	100
4) n-Nitrosodimethylamine	3.56	42	183863	45.077	ng	98
6) Aniline	7.03	93	903898	38.803	ng	99
8) 2-Chlorophenol	7.26	128	677425	45.719	ng	97
9) Benzaldehyde	6.85	77	312548	27.570	ng	98
10) Phenol	6.90	94	947429	47.361	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	620639	40.671	ng	99
12) 1,3-Dichlorobenzene	7.57	146	648975	38.952	ng	99
13) 1,4-Dichlorobenzene	7.73	146	668791	39.429	ng	100
14) 1,2-Dichlorobenzene	8.04	146	650495	39.926	ng	99
15) Benzyl Alcohol	7.95	79	683365	45.236	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	624697	42.297	ng	98
17) 2-Methylphenol	8.14	107	599766	47.106	ng	98
18) Hexachloroethane	8.75	117	249959	40.370	ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	616851	41.904	ng	99
20) 3+4-Methylphenols	8.47	107	825563	46.957	ng	99
22) Acetophenone	8.52	105	1021855	38.784	ng	100
24) Nitrobenzene	8.90	77	879780	40.848	ng	98
25) Isophorone	9.42	82	1552127	46.881	ng	99
26) 2-Nitrophenol	9.60	139	373314	43.524	ng	99
27) 2,4-Dimethylphenol	9.66	122	632856	50.517	ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	910407	42.524	ng	100
29) 2,4-Dichlorophenol	10.13	162	649384	45.145	ng	99
30) 1,2,4-Trichlorobenzene	10.34	180	663319	39.930	ng	99
31) Naphthalene	10.53	128	2033060	43.449	ng	100
32) Benzoic acid	9.82	122	431156	39.455	ng	96
33) 4-Chloroaniline	10.66	127	506013	24.192	ng	99
34) Hexachlorobutadiene	10.79	225	355759	36.896	ng	99
35) Caprolactam	11.47	113	212755m	36.241	ng	
36) 4-Chloro-3-methylphenol	11.78	107	752222	43.373	ng	99
37) 2-Methylnaphthalene	12.15	142	1516915	46.045	ng	99
38) 1-Methylnaphthalene	12.37	142	1443644	44.812	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	711720	40.031	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	746290	82.101 ng	98
43) 2,4,6-Trichlorophenol	12.77	196	513809	43.655 ng	98
44) 2,4,5-Trichlorophenol	12.84	196	547743	44.401 ng	99
46) 1,1'-Biphenyl	13.17	154	1916119	40.052 ng	99
47) 2-Chloronaphthalene	13.22	162	1498020	40.540 ng	99
48) 2-Nitroaniline	13.44	65	539505	43.961 ng	99
49) Acenaphthylene	14.07	152	2467864	44.853 ng	99
50) Dimethylphthalate	13.81	163	1874287	40.465 ng	99
51) 2,6-Dinitrotoluene	13.94	165	417590	41.619 ng	98
52) Acenaphthene	14.41	154	1406269	41.682 ng	99
53) 3-Nitroaniline	14.27	138	331689	29.257 ng	99
54) 2,4-Dinitrophenol	14.49	184	461035	72.960 ng	98
55) Dibenzofuran	14.74	168	2287842	41.257 ng	99
56) 4-Nitrophenol	14.59	139	762296	84.231 ng	99
57) 2,4-Dinitrotoluene	14.73	165	600788	43.458 ng	98
58) Fluorene	15.40	166	1869342	44.064 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	483420	44.334 ng	98
60) Diethylphthalate	15.17	149	1907279	39.918 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	912608	38.368 ng	99
62) 4-Nitroaniline	15.44	138	428574	38.560 ng	99
63) Azobenzene	15.69	77	2122128	41.423 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	308364	36.008 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1605886	41.673 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	545284	39.940 ng	99
68) Hexachlorobenzene	16.39	284	646131	40.717 ng	98
69) Atrazine	16.57	200	509852	41.040 ng	99
70) Pentachlorophenol	16.74	266	825196	80.761 ng	99
71) Phenanthrene	17.14	178	2927061	44.655 ng	100
72) Anthracene	17.23	178	3008073	47.148 ng	99
73) Carbazole	17.51	167	2786544	41.804 ng	99
74) Di-n-butylphthalate	18.06	149	3417470	44.580 ng	100
75) Fluoranthene	19.16	202	3522924	46.527 ng	98
77) Benzidine	19.36	184	2223504	71.169 ng	100
78) Pyrene	19.53	202	3644524	45.235 ng	100
80) Butylbenzylphthalate	20.43	149	1767316	48.131 ng	98
81) Benzo(a)anthracene	21.28	228	3647357	45.105 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1070843	33.507 ng	99
83) Chrysene	21.33	228	3397648	43.836 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2573588	47.888 ng	99
85) Di-n-octyl phthalate	22.08	149	4507984	49.909 ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3286238	36.724 ng	100
88) Benzo(b)fluoranthene	22.87	252	3315442	47.293 ng	100
89) Benzo(k)fluoranthene	22.91	252	3212271	46.025 ng	100
90) Benzo(a)pyrene	23.45	252	3049156	45.913 ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2806824	42.659 ng	99
92) Benzo(g,h,i)perylene	26.53	276	2646872	43.211 ng	99

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

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