Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018800.D
Acq On : 13 Feb 2019 11:21
Operator : JU/SJ
Sample : PB117038BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Manual Integrations APPROVED
Sohil
2/13/2019 1:37:42 PM

Quant Time: Feb 13 12:59:21 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	7.71	152	275937	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1206804	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	711544	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1652391	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1819324	20.00	ng		0.00
87) Perylene-d12	23.57	264	1797602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1341186	79.64	ng		0.00
7) Phenol-d6	6.89	99	1968085	82.95	ng		0.00
23) Nitrobenzene-d5	8.88	82	2112614	80.94	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	854468	83.31	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	4297698	80.18	ng		0.00
79) Terphenyl-d14	19.74	244	8022208	90.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	300249	40.933	ng		99
3) Pyridine	3.65	79	927277	46.346	ng		99
4) n-Nitrosodimethylamine	3.57	42	264255	51.917	ng		92
6) Aniline	7.05	93	1353853	46.574	ng		99
8) 2-Chlorophenol	7.27	128	806083	43.595	ng		98
9) Benzaldehyde	6.87	77	601837	49.337	ng		99
10) Phenol	6.91	94	1110080	44.468	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	813026	42.695	ng		99
12) 1,3-Dichlorobenzene	7.60	146	863492	41.532	ng		99
13) 1,4-Dichlorobenzene	7.75	146	875890	41.381	ng		100
14) 1,2-Dichlorobenzene	8.06	146	853011	41.955	ng		100
15) Benzyl Alcohol	7.96	79	854916	45.350	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	785601	42.625	ng		98
17) 2-Methylphenol	8.16	107	717936	45.186	ng		99
18) Hexachloroethane	8.77	117	325259	42.096	ng		99
19) n-Nitroso-di-n-propylamine	8.52	70	819784	44.627	ng		100
20) 3+4-Methylphenols	8.49	107	995075	45.355	ng		98
22) Acetophenone	8.54	105	1355215	40.892	ng	#	98
24) Nitrobenzene	8.92	77	1150688	42.474	ng		99
25) Isophorone	9.44	82	2065463	49.598	ng		99
26) 2-Nitrophenol	9.63	139	463116	42.926	ng		98
27) 2,4-Dimethylphenol	9.68	122	771474	48.959	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	1183800	43.959	ng		100
29) 2,4-Dichlorophenol	10.15	162	794805	43.928	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	853859	40.863	ng		99
31) Naphthalene	10.55	128	2641078	44.873	ng		99
32) Benzoic acid	9.83	122	520288m	37.852	ng		
33) 4-Chloroaniline	10.67	127	1173618	44.607	ng		99
34) Hexachlorobutadiene	10.82	225	466008	38.422	ng		99
35) Caprolactam	11.49	113	286063m	38.740	ng		
36) 4-Chloro-3-methylphenol	11.80	107	968900	44.415	ng		99
37) 2-Methylnaphthalene	12.17	142	1951569	47.095	ng		99
38) 1-Methylnaphthalene	12.39	142	1863527	45.988	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	931080	40.906	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1187050	102.003	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	659373	43.759	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	700154	44.332	ng	99
46) 1,1'-Biphenyl	13.19	154	2500601	40.827	ng	99
47) 2-Chloronaphthalene	13.23	162	1942881	41.069	ng	99
48) 2-Nitroaniline	13.46	65	699117	44.497	ng	98
49) Acenaphthylene	14.09	152	3227284	45.815	ng	100
50) Dimethylphthalate	13.83	163	2537656	42.794	ng	99
51) 2,6-Dinitrotoluene	13.96	165	564679	43.959	ng	97
52) Acenaphthene	14.43	154	1840381	42.608	ng	100
53) 3-Nitroaniline	14.29	138	604259	41.632	ng	98
54) 2,4-Dinitrophenol	14.50	184	421755	53.778	ng	99
55) Dibenzofuran	14.76	168	3013121	42.442	ng	99
56) 4-Nitrophenol	14.60	139	988512	85.317	ng	100
57) 2,4-Dinitrotoluene	14.74	165	803843	45.418	ng	99
58) Fluorene	15.42	166	2476202	45.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	652871	46.767	ng	98
60) Diethylphthalate	15.19	149	2649653	43.316	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1233850	40.518	ng	98
62) 4-Nitroaniline	15.46	138	613623	43.124	ng	99
63) Azobenzene	15.70	77	2839126	43.288	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	368311	31.747	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2162709	41.427	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	737394	39.868	ng	97
68) Hexachlorobenzene	16.41	284	858698	39.942	ng	98
69) Atrazine	16.59	200	745732	44.308	ng	99
70) Pentachlorophenol	16.76	266	1096943	79.245	ng	99
71) Phenanthrene	17.16	178	3948969	44.469	ng	100
72) Anthracene	17.24	178	4027908	46.601	ng	100
73) Carbazole	17.53	167	3717462	41.167	ng	99
74) Di-n-butylphthalate	18.08	149	4592301	44.219	ng	100
75) Fluoranthene	19.17	202	4674728	45.573	ng	98
77) Benzidine	19.38	184	5240706	127.904	ng	100
78) Pyrene	19.54	202	4786258	45.297	ng	100
80) Butylbenzylphthalate	20.44	149	2222564	46.154	ng	99
81) Benzo(a)anthracene	21.29	228	4828959	45.534	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1851636	44.178	ng	99
83) Chrysene	21.34	228	4513103	44.399	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3212434	45.579	ng	100
85) Di-n-octyl phthalate	22.10	149	5571763	47.036	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4898850	41.743	ng	99
88) Benzo(b)fluoranthene	22.89	252	4823547	46.900	ng	100
89) Benzo(k)fluoranthene	22.93	252	4636874	45.286	ng	100
90) Benzo(a)pyrene	23.47	252	4523833	46.432	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4195394	43.463	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3818597	42.493	ng	99

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

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