Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018776.D
Acq On : 12 Feb 2019 17:12
Operator : JU/SJ
Sample : PB117043BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Manual Integrations APPROVED
Sohil
2/13/2019 12:20:45 PM

Quant Time: Feb 13 02:45:49 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	7.72	152	315509	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1356891	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	799392	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1880198	20.00	ng		0.00
76) Chrysene-d12	21.32	240	2129636	20.00	ng		0.00
87) Perylene-d12	23.57	264	2059731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2766387	143.66	ng		0.00
7) Phenol-d6	6.89	99	4000712	147.48	ng		0.00
23) Nitrobenzene-d5	8.89	82	2101446	71.61	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1838722	159.57	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4246704	70.52	ng		0.00
79) Terphenyl-d14	19.75	244	8120477	78.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	342884	40.883	ng		100
3) Pyridine	3.66	79	1077778	47.111	ng		97
4) n-Nitrosodimethylamine	3.58	42	290547	49.923	ng		95
6) Aniline	7.06	93	1525253	45.889	ng		99
8) 2-Chlorophenol	7.28	128	918492	43.445	ng		97
9) Benzaldehyde	6.87	77	817921	64.948	ng		99
10) Phenol	6.92	94	1260802	44.172	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	928540	42.645	ng		99
12) 1,3-Dichlorobenzene	7.60	146	988878	41.597	ng		100
13) 1,4-Dichlorobenzene	7.75	146	1017556	42.045	ng		99
14) 1,2-Dichlorobenzene	8.06	146	970182	41.733	ng		98
15) Benzyl Alcohol	7.96	79	968209	44.918	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	889858	42.226	ng		100
17) 2-Methylphenol	8.16	107	806987	44.421	ng		99
18) Hexachloroethane	8.78	117	380155	43.030	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	925083	44.043	ng		99
20) 3+4-Methylphenols	8.49	107	1114858	44.442	ng		98
22) Acetophenone	8.55	105	1518196	40.743	ng	#	99
24) Nitrobenzene	8.93	77	1287199	42.258	ng		100
25) Isophorone	9.45	82	2317529	49.495	ng		100
26) 2-Nitrophenol	9.63	139	527241	43.464	ng		98
27) 2,4-Dimethylphenol	9.69	122	854084	48.206	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	1328647	43.880	ng		100
29) 2,4-Dichlorophenol	10.16	162	895209	44.004	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	963986	41.031	ng		97
31) Naphthalene	10.56	128	2958358	44.704	ng		99
32) Benzoic acid	9.85	122	606843	39.265	ng		96
33) 4-Chloroaniline	10.68	127	1301515	43.997	ng		99
34) Hexachlorobutadiene	10.82	225	538073	39.457	ng		98
35) Caprolactam	11.50	113	324333m	39.064	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1070903	43.661	ng		100
37) 2-Methylnaphthalene	12.17	142	2187317	46.946	ng		99
38) 1-Methylnaphthalene	12.39	142	2087381	45.815	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1052598	41.162	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1402849	107.300	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	731040	43.184	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	792070	44.640	ng	97
46) 1,1'-Biphenyl	13.19	154	2769540	40.249	ng	100
47) 2-Chloronaphthalene	13.24	162	2167495	40.782	ng	99
48) 2-Nitroaniline	13.46	65	786360	44.549	ng	98
49) Acenaphthylene	14.09	152	3597343	45.457	ng	100
50) Dimethylphthalate	13.83	163	2886357	43.325	ng	99
51) 2,6-Dinitrotoluene	13.96	165	637412	44.168	ng	95
52) Acenaphthene	14.43	154	2060401	42.460	ng	99
53) 3-Nitroaniline	14.29	138	686525	42.102	ng	97
54) 2,4-Dinitrophenol	14.50	184	806428	87.484	ng	97
55) Dibenzofuran	14.77	168	3385577	42.448	ng	100
56) 4-Nitrophenol	14.61	139	1154168	88.667	ng	99
57) 2,4-Dinitrotoluene	14.75	165	915749	46.055	ng	99
58) Fluorene	15.42	166	2794174	45.793	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	742892	47.367	ng	100
60) Diethylphthalate	15.20	149	2996349	43.601	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1402261	40.988	ng	96
62) 4-Nitroaniline	15.47	138	699606	43.764	ng	99
63) Azobenzene	15.71	77	3213655	43.613	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	525446	39.803	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2449891	41.242	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	845287	40.165	ng	99
68) Hexachlorobenzene	16.41	284	981768	40.134	ng	99
69) Atrazine	16.59	200	844466	44.096	ng	99
70) Pentachlorophenol	16.76	266	1302663	82.705	ng	100
71) Phenanthrene	17.16	178	4484929	44.386	ng	100
72) Anthracene	17.25	178	4566561	46.432	ng	100
73) Carbazole	17.53	167	4196585	40.842	ng	99
74) Di-n-butylphthalate	18.08	149	5257160	44.487	ng	100
75) Fluoranthene	19.18	202	5317894	45.561	ng	99
77) Benzidine	19.38	184	6394233	133.318	ng	99
78) Pyrene	19.55	202	5458641	44.133	ng	100
80) Butylbenzylphthalate	20.45	149	2590337	45.953	ng	99
81) Benzo(a)anthracene	21.30	228	5583999	44.981	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	2193521	44.709	ng	100
83) Chrysene	21.35	228	5183198	43.561	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3754122	45.503	ng	99
85) Di-n-octyl phthalate	22.10	149	6454484	46.548	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5683031	41.369	ng	100
88) Benzo(b)fluoranthene	22.90	252	5540666	47.017	ng	99
89) Benzo(k)fluoranthene	22.94	252	5447154	46.429	ng	99
90) Benzo(a)pyrene	23.48	252	5265316	47.165	ng	99
91) Dibenzo(a,h)anthracene	25.89	278	4864425	43.981	ng	99
92) Benzo(g,h,i)perylene	26.58	276	4440456	43.124	ng	100

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

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