Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020734.D
Acq On : 05 Jun 2019 13:43
Operator : HP/JU
Sample : PB120099BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Manual Integrations APPROVED
mohammad
6/6/2019 3:43:29 PM

Quant Time: Jun 05 18:40:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	319972	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	1231372	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	639318	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1186689	20.00	ng		0.00
76) Chrysene-d12	21.38	240	977164	20.00	ng		0.00
87) Perylene-d12	23.67	264	1153657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2502931	137.60	ng		0.00
7) Phenol-d6	6.99	99	3250521	121.36	ng		0.00
23) Nitrobenzene-d5	8.99	82	1959952	82.47	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1060120	133.83	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4308541	89.60	ng		0.00
79) Terphenyl-d14	19.83	244	4604802	78.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	307657	41.311	ng		98
3) Pyridine	3.74	79	865345	36.521	ng		99
4) n-Nitrosodimethylamine	3.66	42	397472	38.913	ng		99
6) Aniline	7.16	93	1112682	28.711	ng		99
8) 2-Chlorophenol	7.39	128	970397	42.883	ng		99
9) Benzaldehyde	6.97	77	303503m	15.806	ng		
10) Phenol	7.02	94	1183926	41.017	ng		100
11) bis(2-Chloroethyl)ether	7.26	93	871538	37.888	ng		99
12) 1,3-Dichlorobenzene	7.71	146	1021800	39.289	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1038720	39.287	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1000033	38.867	ng		99
15) Benzyl Alcohol	8.06	79	853147	36.006	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1181318	33.263	ng		99
17) 2-Methylphenol	8.26	107	784754	38.664	ng		99
18) Hexachloroethane	8.89	117	381382	37.676	ng		100
19) n-Nitroso-di-n-propylamine	8.63	70	718087	33.353	ng		99
20) 3+4-Methylphenols	8.59	107	1033391	37.422	ng		98
22) Acetophenone	8.65	105	1340284	42.846	ng	#	99
24) Nitrobenzene	9.03	77	1057252	43.576	ng		99
25) Isophorone	9.55	82	1850979	39.153	ng		98
26) 2-Nitrophenol	9.73	139	447473	49.486	ng		100
27) 2,4-Dimethylphenol	9.79	122	837193	49.410	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	1145368	40.070	ng		99
29) 2,4-Dichlorophenol	10.26	162	854449	45.579	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	961811	44.620	ng		100
31) Naphthalene	10.66	128	2763904	43.649	ng		100
32) Benzoic acid	9.92	122	425036	40.725	ng		99
33) 4-Chloroaniline	10.77	127	405777	13.770	ng		99
34) Hexachlorobutadiene	10.94	225	557570	43.110	ng		99
35) Caprolactam	11.56	113	226987m	34.854	ng		
36) 4-Chloro-3-methylphenol	11.89	107	858152	39.373	ng		99
37) 2-Methylnaphthalene	12.27	142	1986798	42.331	ng		99
38) 1-Methylnaphthalene	12.49	142	1890817	42.309	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1025448	48.945	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1304376	104.098	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	634201	47.027	ng	100
44) 2,4,5-Trichlorophenol	12.95	196	672451	48.299	ng	99
46) 1,1'-Biphenyl	13.29	154	2459176	46.057	ng	100
47) 2-Chloronaphthalene	13.33	162	1908624	44.290	ng	99
48) 2-Nitroaniline	13.54	65	512521	37.893	ng	100
49) Acenaphthylene	14.18	152	2944242	43.788	ng	99
50) Dimethylphthalate	13.92	163	2189440	40.085	ng	99
51) 2,6-Dinitrotoluene	14.04	165	469139	42.300	ng	98
52) Acenaphthene	14.52	154	1718579	42.889	ng	100
53) 3-Nitroaniline	14.37	138	280636	22.670	ng	98
54) 2,4-Dinitrophenol	14.57	184	367790	77.349	ng	99
55) Dibenzofuran	14.86	168	2669216	42.890	ng	99
56) 4-Nitrophenol	14.67	139	727034	79.699	ng	97
57) 2,4-Dinitrotoluene	14.83	165	607696	40.923	ng	97
58) Fluorene	15.51	166	2104472	41.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	551959	45.496	ng	99
60) Diethylphthalate	15.29	149	2093505	37.163	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1097021	40.484	ng	99
62) 4-Nitroaniline	15.53	138	436191	33.224	ng	99
63) Azobenzene	15.80	77	2000392	37.040	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	228810	43.408	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1760585	46.345	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	633009	45.305	ng	98
68) Hexachlorobenzene	16.50	284	725348	44.458	ng	99
69) Atrazine	16.67	200	540626	47.683	ng	99
70) Pentachlorophenol	16.84	266	799820	102.759	ng	100
71) Phenanthrene	17.24	178	2948839	43.839	ng	100
72) Anthracene	17.33	178	2982704	44.304	ng	99
73) Carbazole	17.61	167	2543355	41.630	ng	100
74) Di-n-butylphthalate	18.17	149	2997588	37.797	ng	99
75) Fluoranthene	19.26	202	3037764	40.609	ng	100
77) Benzidine	19.45	184	1249495	42.200	ng	99
78) Pyrene	19.62	202	3080706	41.084	ng	99
80) Butylbenzylphthalate	20.52	149	1143997	36.100	ng	100
81) Benzo(a)anthracene	21.37	228	2846666	41.833	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	815436	32.724	ng	100
83) Chrysene	21.42	228	2798676	43.267	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1588269	34.485	ng	99
85) Di-n-octyl phthalate	22.19	149	2612790	35.732	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4082044	61.686	ng	99
88) Benzo(b)fluoranthene	22.98	252	3172878	41.611	ng	99
89) Benzo(k)fluoranthene	23.03	252	3039731	40.793	ng	99
90) Benzo(a)pyrene	23.57	252	3105078	44.895	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3421858	50.997	ng	98
92) Benzo(g,h,i)perylene	26.70	276	3380856	54.245	ng	99

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

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