Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020693.D
Acq On : 04 Jun 2019 07:06
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120172BS

Quant Time: Jun 04 07:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	732079	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	2832350	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	1494676	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	2926040	20.00	ng		0.00
76) Chrysene-d12	21.38	240	2720909	20.00	ng		-0.02
87) Perylene-d12	23.67	264	3404396	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	5440885	130.74	ng		0.00
7) Phenol-d6	7.00	99	7111216	116.04	ng		0.01
23) Nitrobenzene-d5	8.99	82	3912832	71.58	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	2644462	142.80	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	8529969	75.87	ng		0.00
79) Terphenyl-d14	19.83	244	9161175	56.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	220175	12.922	ng		97
3) Pyridine	3.75	79	608592	11.226	ng		99
4) n-Nitrosodimethylamine	3.66	42	266851	11.419	ng		97
6) Aniline	7.17	93	728336	8.214	ng		99
8) 2-Chlorophenol	7.39	128	616567	11.909	ng		99
9) Benzaldehyde	6.97	77	219370	2.665	ng		99
10) Phenol	7.03	94	748388	11.332	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	576510	10.954	ng		96
12) 1,3-Dichlorobenzene	7.72	146	684990	11.512	ng		97
13) 1,4-Dichlorobenzene	7.86	146	700451	11.579	ng		98
14) 1,2-Dichlorobenzene	8.17	146	664440	11.287	ng		100
15) Benzyl Alcohol	8.06	79	559867	10.327	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	789196	9.713	ng		100
17) 2-Methylphenol	8.26	107	499710	10.761	ng		99
18) Hexachloroethane	8.90	117	256524	11.076	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	475483	9.653	ng		97
20) 3+4-Methylphenols	8.59	107	667266	10.561	ng		98
22) Acetophenone	8.65	105	897364	12.472	ng	#	96
24) Nitrobenzene	9.03	77	707726	12.682	ng		98
25) Isophorone	9.55	82	1245181	11.451	ng		100
26) 2-Nitrophenol	9.73	139	315297	15.159	ng		99
27) 2,4-Dimethylphenol	9.79	122	533256	13.682	ng		97
28) bis(2-Chloroethoxy)methane	10.03	93	741371	11.276	ng		99
29) 2,4-Dichlorophenol	10.26	162	541327	12.554	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	621114	12.527	ng		99
31) Naphthalene	10.67	128	1829294	12.560	ng		99
32) Benzoic acid	9.90	122	324020	16.930	ng		95
33) 4-Chloroaniline	10.78	127	286908	4.233	ng		98
34) Hexachlorobutadiene	10.95	225	359585	12.087	ng		99
35) Caprolactam	11.56	113	158340	10.570	ng		97
36) 4-Chloro-3-methylphenol	11.89	107	561116	11.192	ng		99
37) 2-Methylnaphthalene	12.28	142	1298613	12.029	ng		99
38) 1-Methylnaphthalene	12.50	142	1227100	11.937	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	640578	13.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	728786	24.878 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	403824	12.808 ng	98
44) 2,4,5-Trichlorophenol	12.95	196	422342	12.975 ng	98
46) 1,1'-Biphenyl	13.29	154	1601279	12.828 ng	99
47) 2-Chloronaphthalene	13.34	162	1219501	12.104 ng	99
48) 2-Nitroaniline	13.55	65	345450	10.924 ng	91
49) Acenaphthylene	14.19	152	1918865	12.207 ng	99
50) Dimethylphthalate	13.92	163	1406970	11.018 ng	100
51) 2,6-Dinitrotoluene	14.04	165	301135	11.614 ng	95
52) Acenaphthene	14.53	154	1119781	11.953 ng	99
53) 3-Nitroaniline	14.37	138	197156	6.812 ng	100
54) 2,4-Dinitrophenol	14.57	184	238587	26.707 ng	95
55) Dibenzofuran	14.86	168	1720445	11.824 ng	98
56) 4-Nitrophenol	14.67	139	507551	23.799 ng	92
57) 2,4-Dinitrotoluene	14.83	165	393180	11.325 ng	96
58) Fluorene	15.51	166	1372851	11.474 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	347036	12.235 ng	99
60) Diethylphthalate	15.29	149	1366392	10.375 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	686373	10.834 ng	96
62) 4-Nitroaniline	15.53	138	291204	9.487 ng	96
63) Azobenzene	15.80	77	1338250	10.599 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	148044	17.877 ng	98
66) n-Nitrosodiphenylamine	15.72	169	1138059	12.150 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	390604	11.338 ng	95
68) Hexachlorobenzene	16.50	284	461250	11.466 ng	99
69) Atrazine	16.67	200	352669	12.615 ng	100
70) Pentachlorophenol	16.85	266	536650	27.963 ng	100
71) Phenanthrene	17.25	178	1934493	11.664 ng	99
72) Anthracene	17.34	178	1978643	11.919 ng	100
73) Carbazole	17.61	167	1743530	11.574 ng	99
74) Di-n-butylphthalate	18.17	149	2055858	10.513 ng	100
75) Fluoranthene	19.26	202	2084197	11.300 ng	100
77) Benzidine	19.45	184	1058147	12.834 ng	100
78) Pyrene	19.62	202	2129763	10.200 ng	99
80) Butylbenzylphthalate	20.53	149	889440	10.080 ng	95
81) Benzo(a)anthracene	21.37	228	2045729	10.797 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	645716	9.306 ng	100
83) Chrysene	21.42	228	2013530	11.179 ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1226499	9.564 ng	99
85) Di-n-octyl phthalate	22.19	149	2092475	10.277 ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	2948918	16.004 ng	99
88) Benzo(b)fluoranthene	22.98	252	2249055	9.995 ng	99
89) Benzo(k)fluoranthene	23.03	252	2258469	10.271 ng	99
90) Benzo(a)pyrene	23.57	252	2281710	11.180 ng	100
91) Dibenzo(a,h)anthracene	26.00	278	2476091	12.505 ng	99
92) Benzo(g,h,i)perylene	26.70	276	2421291	13.165 ng	99

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

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