Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020679.D
Acq On : 03 Jun 2019 20:05
Operator : HP/JU
Sample : PB120232BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120232BS

Quant Time: Jun 04 04:18:35 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	314439	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1163179	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	548433	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1027996	20.00	ng		0.00
76) Chrysene-d12	21.39	240	900770	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1045806	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2619547	146.55	ng		0.00
7) Phenol-d6	6.99	99	3370928	128.07	ng		0.00
23) Nitrobenzene-d5	8.99	82	1741679	77.58	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	926484	136.35	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	3431047	83.17	ng		0.00
79) Terphenyl-d14	19.83	244	3158507	58.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	240060	32.802	ng		98
3) Pyridine	3.75	79	658505	28.280	ng		97
4) n-Nitrosodimethylamine	3.66	42	300207	29.908	ng		99
6) Aniline	7.16	93	760301	19.964	ng		99
8) 2-Chlorophenol	7.39	128	671385	30.191	ng		98
9) Benzaldehyde	6.97	77	233139	11.447	ng		100
10) Phenol	7.02	94	813642	28.685	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	625135	27.654	ng		99
12) 1,3-Dichlorobenzene	7.72	146	741425	29.010	ng		97
13) 1,4-Dichlorobenzene	7.86	146	750219	28.875	ng		99
14) 1,2-Dichlorobenzene	8.18	146	721276	28.526	ng		99
15) Benzyl Alcohol	8.07	79	590924	25.378	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	875304	25.080	ng		100
17) 2-Methylphenol	8.26	107	538184	26.982	ng		99
18) Hexachloroethane	8.90	117	276460	27.792	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	502227	23.737	ng		98
20) 3+4-Methylphenols	8.59	107	699090	25.761	ng		99
22) Acetophenone	8.65	105	958144	32.426	ng	#	97
24) Nitrobenzene	9.03	77	747966	32.636	ng		98
25) Isophorone	9.55	82	1270897	28.459	ng		99
26) 2-Nitrophenol	9.73	139	290991	34.067	ng		97
27) 2,4-Dimethylphenol	9.79	122	561781	35.099	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	788444	29.200	ng		100
29) 2,4-Dichlorophenol	10.26	162	559737	31.609	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	649795	31.912	ng		99
31) Naphthalene	10.67	128	1932708	32.312	ng		100
32) Benzoic acid	9.91	122	261169	28.286	ng		97
33) 4-Chloroaniline	10.78	127	324681	11.664	ng		98
34) Hexachlorobutadiene	10.95	225	376970	30.855	ng		100
35) Caprolactam	11.56	113	149566	24.312	ng		98
36) 4-Chloro-3-methylphenol	11.90	107	565879	27.485	ng		99
37) 2-Methylnaphthalene	12.28	142	1339027	30.202	ng		99
38) 1-Methylnaphthalene	12.50	142	1266262	29.995	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	659329	36.685	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	801472	74.563 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	396119	34.241 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	413597	34.630 ng	98
46) 1,1'-Biphenyl	13.30	154	1616189	35.285 ng	98
47) 2-Chloronaphthalene	13.34	162	1250483	33.827 ng	99
48) 2-Nitroaniline	13.55	65	342181	29.491 ng	95
49) Acenaphthylene	14.19	152	1934310	33.535 ng	99
50) Dimethylphthalate	13.93	163	1420551	30.318 ng	100
51) 2,6-Dinitrotoluene	14.05	165	298195	31.343 ng	96
52) Acenaphthene	14.53	154	1128902	32.842 ng	99
53) 3-Nitroaniline	14.37	138	185031	17.424 ng	95
54) 2,4-Dinitrophenol	14.57	184	225985	57.462 ng	98
55) Dibenzofuran	14.86	168	1726257	32.335 ng	100
56) 4-Nitrophenol	14.67	139	485658	62.062 ng	95
57) 2,4-Dinitrotoluene	14.83	165	386460	30.337 ng	99
58) Fluorene	15.51	166	1356980	30.908 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	338368	32.513 ng	100
60) Diethylphthalate	15.29	149	1358460	28.111 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	685351	29.483 ng	98
62) 4-Nitroaniline	15.53	138	291135	25.850 ng	97
63) Azobenzene	15.80	77	1357325	29.298 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	136552	32.640 ng	99
66) n-Nitrosodiphenylamine	15.72	169	1143293	34.742 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	390861	32.293 ng	97
68) Hexachlorobenzene	16.50	284	449902	31.832 ng	98
69) Atrazine	16.67	200	341535	34.773 ng	97
70) Pentachlorophenol	16.85	266	487387	72.285 ng	98
71) Phenanthrene	17.25	178	1904226	32.679 ng	100
72) Anthracene	17.34	178	1940839	33.278 ng	99
73) Carbazole	17.61	167	1700490	32.131 ng	100
74) Di-n-butylphthalate	18.18	149	2016904	29.357 ng	100
75) Fluoranthene	19.26	202	2040697	31.492 ng	99
77) Benzidine	19.45	184	867533	31.785 ng	100
78) Pyrene	19.63	202	2068900	29.930 ng	100
80) Butylbenzylphthalate	20.53	149	819273	28.046 ng	98
81) Benzo(a)anthracene	21.37	228	1994148	31.790 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	631689	27.500 ng	99
83) Chrysene	21.42	228	1963287	32.926 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1170158	27.562 ng	99
85) Di-n-octyl phthalate	22.20	149	1993532	29.576 ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2926496	47.974 ng	100
88) Benzo(b)fluoranthene	22.99	252	2310167	33.422 ng	100
89) Benzo(k)fluoranthene	23.03	252	2149408	31.820 ng	99
90) Benzo(a)pyrene	23.57	252	2243270	35.780 ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2473199	40.660 ng	100
92) Benzo(g,h,i)perylene	26.71	276	2433801	43.077 ng	98

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

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