Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020673.D
Acq On : 03 Jun 2019 16:28
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120172BS

Quant Time: Jun 04 04:14:04 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	314359	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1192979	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	573019	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1080270	20.00	ng		0.00
76) Chrysene-d12	21.39	240	917597	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1075038	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2637846	147.61	ng		0.00
7) Phenol-d6	7.00	99	3431703	130.41	ng		0.00
23) Nitrobenzene-d5	8.99	82	1781409	77.37	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	966802	136.18	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3548510	82.33	ng		0.00
79) Terphenyl-d14	19.83	244	3307403	60.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	236159	32.277	ng		98
3) Pyridine	3.74	79	652837	28.044	ng		99
4) n-Nitrosodimethylamine	3.66	42	293730	29.270	ng		99
6) Aniline	7.16	93	750726	19.717	ng		99
8) 2-Chlorophenol	7.39	128	692085	31.130	ng		99
9) Benzaldehyde	6.97	77	234145	11.517	ng		98
10) Phenol	7.02	94	832797	29.368	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	634533	28.077	ng		99
12) 1,3-Dichlorobenzene	7.72	146	734718	28.755	ng		99
13) 1,4-Dichlorobenzene	7.86	146	749370	28.849	ng		99
14) 1,2-Dichlorobenzene	8.18	146	716012	28.325	ng		100
15) Benzyl Alcohol	8.07	79	605498	26.010	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	891520	25.551	ng		99
17) 2-Methylphenol	8.26	107	554618	27.813	ng		99
18) Hexachloroethane	8.90	117	279081	28.062	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	518712	24.523	ng		98
20) 3+4-Methylphenols	8.59	107	714877	26.350	ng		99
22) Acetophenone	8.65	105	963170	31.782	ng	#	97
24) Nitrobenzene	9.03	77	758538	32.270	ng		99
25) Isophorone	9.55	82	1318265	28.782	ng		99
26) 2-Nitrophenol	9.73	139	303818	34.681	ng		98
27) 2,4-Dimethylphenol	9.79	122	577077	35.154	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	814808	29.423	ng		99
29) 2,4-Dichlorophenol	10.26	162	580887	31.984	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	664826	31.835	ng		98
31) Naphthalene	10.67	128	1962317	31.987	ng		99
32) Benzoic acid	9.91	122	280191	29.351	ng		98
33) 4-Chloroaniline	10.78	127	356269	12.479	ng		98
34) Hexachlorobutadiene	10.95	225	385609	30.774	ng		99
35) Caprolactam	11.56	113	152080	24.103	ng		94
36) 4-Chloro-3-methylphenol	11.90	107	587741	27.834	ng		99
37) 2-Methylnaphthalene	12.28	142	1374737	30.233	ng		99
38) 1-Methylnaphthalene	12.50	142	1294990	29.909	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	678751	36.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	842447	75.012 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	411013	34.004 ng	98
44) 2,4,5-Trichlorophenol	12.96	196	439505	35.220 ng	97
46) 1,1'-Biphenyl	13.30	154	1689463	35.303 ng	99
47) 2-Chloronaphthalene	13.34	162	1290083	33.400 ng	99
48) 2-Nitroaniline	13.54	65	356041	29.369 ng	95
49) Acenaphthylene	14.19	152	1983735	32.916 ng	100
50) Dimethylphthalate	13.93	163	1465101	29.927 ng	100
51) 2,6-Dinitrotoluene	14.04	165	311822	31.369 ng	93
52) Acenaphthene	14.53	154	1161169	32.331 ng	100
53) 3-Nitroaniline	14.37	138	192877	17.384 ng	92
54) 2,4-Dinitrophenol	14.57	184	242495	58.819 ng	96
55) Dibenzofuran	14.86	168	1780631	31.922 ng	100
56) 4-Nitrophenol	14.67	139	503066	61.528 ng	97
57) 2,4-Dinitrotoluene	14.83	165	403064	30.283 ng	100
58) Fluorene	15.51	166	1407154	30.676 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	347733	31.979 ng	99
60) Diethylphthalate	15.29	149	1433926	28.400 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	712710	29.344 ng	99
62) 4-Nitroaniline	15.53	138	301999	25.664 ng	98
63) Azobenzene	15.80	77	1414269	29.217 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	143708	32.675 ng	98
66) n-Nitrosodiphenylamine	15.73	169	1187823	34.348 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	412367	32.421 ng	98
68) Hexachlorobenzene	16.51	284	463485	31.207 ng	98
69) Atrazine	16.67	200	365097	35.374 ng	98
70) Pentachlorophenol	16.86	266	509923	71.968 ng	99
71) Phenanthrene	17.25	178	1982057	32.369 ng	99
72) Anthracene	17.34	178	2023957	33.024 ng	100
73) Carbazole	17.61	167	1769405	31.815 ng	100
74) Di-n-butylphthalate	18.18	149	2132503	29.538 ng	99
75) Fluoranthene	19.26	202	2107894	30.955 ng	99
77) Benzidine	19.45	184	951057	34.206 ng	99
78) Pyrene	19.63	202	2149577	30.527 ng	100
80) Butylbenzylphthalate	20.53	149	866939	29.133 ng	100
81) Benzo(a)anthracene	21.37	228	2058462	32.214 ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	647992	27.692 ng	98
83) Chrysene	21.42	228	2062559	33.956 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1269291	29.348 ng	98
85) Di-n-octyl phthalate	22.20	149	2171510	31.625 ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2946899	47.423 ng	100
88) Benzo(b)fluoranthene	22.99	252	2340918	32.946 ng	99
89) Benzo(k)fluoranthene	23.03	252	2228250	32.090 ng	100
90) Benzo(a)pyrene	23.57	252	2286264	35.474 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2484103	39.729 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2410997	41.513 ng	99

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

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