Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020676.D
Acq On : 03 Jun 2019 18:17
Operator : HP/JU
Sample : PB120221BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:04 AM

Quant Time: Jun 04 06:38:19 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	348021	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1382294	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	730227	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1429920	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1197817	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1315992	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2683402	135.63	ng		0.00
7) Phenol-d6	7.00	99	3547286	121.77	ng		0.00
23) Nitrobenzene-d5	8.99	82	1915059	71.78	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	1184646	130.94	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	4177580	76.06	ng		0.00
79) Terphenyl-d14	19.83	244	4476554	62.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	255615	31.557	ng		99
3) Pyridine	3.74	79	715881	27.778	ng		99
4) n-Nitrosodimethylamine	3.66	42	330306	29.731	ng		97
6) Aniline	7.16	93	881552	20.914	ng		98
8) 2-Chlorophenol	7.39	128	795250	32.311	ng		99
9) Benzaldehyde	6.98	77	257505	11.415	ng		96
10) Phenol	7.02	94	968188	30.840	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	729915	29.174	ng		97
12) 1,3-Dichlorobenzene	7.72	146	840922	29.728	ng		99
13) 1,4-Dichlorobenzene	7.86	146	854318	29.709	ng		99
14) 1,2-Dichlorobenzene	8.18	146	814860	29.118	ng		99
15) Benzyl Alcohol	8.07	79	710375	27.564	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1039895	26.921	ng		99
17) 2-Methylphenol	8.26	107	642242	29.092	ng		99
18) Hexachloroethane	8.90	117	315136	28.623	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	610452	26.068	ng		98
20) 3+4-Methylphenols	8.59	107	845911	28.164	ng		99
22) Acetophenone	8.65	105	1123994	32.009	ng	#	96
24) Nitrobenzene	9.03	77	883582	32.442	ng		98
25) Isophorone	9.55	82	1573784	29.655	ng		100
26) 2-Nitrophenol	9.73	139	353563	34.832	ng		97
27) 2,4-Dimethylphenol	9.79	122	691482	36.354	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	974612	30.373	ng		99
29) 2,4-Dichlorophenol	10.26	162	690582	32.816	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	775388	32.044	ng		99
31) Naphthalene	10.67	128	2298959	32.342	ng		99
32) Benzoic acid	9.92	122	342253	30.664	ng		97
33) 4-Chloroaniline	10.78	127	403780	12.206	ng		99
34) Hexachlorobutadiene	10.95	225	449600	30.967	ng		99
35) Caprolactam	11.56	113	192882m	26.383	ng		
36) 4-Chloro-3-methylphenol	11.90	107	726237	29.682	ng		99
37) 2-Methylnaphthalene	12.28	142	1649550	31.308	ng		99
38) 1-Methylnaphthalene	12.50	142	1555608	31.008	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	818077	34.186	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	975179	68.137 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	512709	33.285 ng	100
44) 2,4,5-Trichlorophenol	12.96	196	544186	34.220 ng	98
46) 1,1'-Biphenyl	13.30	154	2049666	33.609 ng	99
47) 2-Chloronaphthalene	13.34	162	1572688	31.951 ng	99
48) 2-Nitroaniline	13.55	65	445836	28.859 ng	96
49) Acenaphthylene	14.19	152	2463814	32.081 ng	100
50) Dimethylphthalate	13.93	163	1870054	29.975 ng	100
51) 2,6-Dinitrotoluene	14.05	165	396014	31.262 ng	93
52) Acenaphthene	14.53	154	1435049	31.355 ng	99
53) 3-Nitroaniline	14.37	138	236078	16.697 ng	98
54) 2,4-Dinitrophenol	14.58	184	309304	58.865 ng	94
55) Dibenzofuran	14.86	168	2223168	31.275 ng	99
56) 4-Nitrophenol	14.67	139	631586	60.617 ng	97
57) 2,4-Dinitrotoluene	14.83	165	521876	30.768 ng	100
58) Fluorene	15.51	166	1770196	30.282 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	446529	32.224 ng	100
60) Diethylphthalate	15.29	149	1871425	29.085 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	913965	29.529 ng	98
62) 4-Nitroaniline	15.54	138	381302	25.428 ng	95
63) Azobenzene	15.80	77	1808553	29.319 ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	189684	32.608 ng	97
66) n-Nitrosodiphenylamine	15.73	169	1523035	33.272 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	538055	31.959 ng	97
68) Hexachlorobenzene	16.51	284	607574	30.905 ng	97
69) Atrazine	16.67	200	483203	35.369 ng	99
70) Pentachlorophenol	16.85	266	665579	70.967 ng	99
71) Phenanthrene	17.25	178	2541801	31.360 ng	100
72) Anthracene	17.34	178	2602170	32.077 ng	99
73) Carbazole	17.62	167	2248666	30.546 ng	99
74) Di-n-butylphthalate	18.18	149	2927542	30.634 ng	100
75) Fluoranthene	19.26	202	2691331	29.858 ng	99
77) Benzidine	19.46	184	1109929	30.581 ng	100
78) Pyrene	19.63	202	2725533	29.652 ng	100
80) Butylbenzylphthalate	20.53	149	1164404	29.976 ng	97
81) Benzo(a)anthracene	21.37	228	2469788	29.609 ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	771881	25.270 ng	99
83) Chrysene	21.42	228	2448820	30.884 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1721105	30.485 ng	98
85) Di-n-octyl phthalate	22.20	149	2795503	31.189 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3181183	39.217 ng	100
88) Benzo(b)fluoranthene	22.99	252	2689530	30.921 ng	100
89) Benzo(k)fluoranthene	23.03	252	2498920	29.399 ng	99
90) Benzo(a)pyrene	23.57	252	2544556	32.253 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2680306	35.018 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2611263	36.729 ng	99

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

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