Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020690.D
Acq On : 04 Jun 2019 05:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:16 AM

Quant Time: Jun 04 07:35:34 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	362017	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1438446	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	751096	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1597654	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1557698	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1804262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1733270	84.22	ng	0.00
7) Phenol-d6	6.99	99	2264584	74.73	ng	0.00
23) Nitrobenzene-d5	8.99	82	2292916	82.59	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	803186	86.31	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	4774080	84.50	ng	0.00
79) Terphenyl-d14	19.83	244	6849962	73.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	375515	44.567	ng	97
3) Pyridine	3.75	79	1119519	41.760	ng	98
4) n-Nitrosodimethylamine	3.66	42	449576	38.903	ng	95
6) Aniline	7.16	93	1591566	36.298	ng	98
8) 2-Chlorophenol	7.39	128	1000662	39.085	ng	98
9) Benzaldehyde	6.97	77	668318	37.170	ng	98
10) Phenol	7.02	94	1221003	37.389	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	959205	36.856	ng	97
12) 1,3-Dichlorobenzene	7.72	146	1200816	40.810	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1206474	40.333	ng	99
14) 1,2-Dichlorobenzene	8.18	146	1149226	39.478	ng	100
15) Benzyl Alcohol	8.07	79	916307	34.180	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1354631	33.713	ng	100
17) 2-Methylphenol	8.26	107	817227	35.588	ng	98
18) Hexachloroethane	8.90	117	448067	39.123	ng	94
19) n-Nitroso-di-n-propylamine	8.64	70	780525m	32.042	ng	
20) 3+4-Methylphenols	8.59	107	1084956	34.726	ng	99
22) Acetophenone	8.65	105	1447406	39.610	ng	97
24) Nitrobenzene	9.03	77	1156912	40.819	ng	99
25) Isophorone	9.56	82	1989168	36.019	ng	99
26) 2-Nitrophenol	9.74	139	481771	45.609	ng	99
27) 2,4-Dimethylphenol	9.79	122	779492	39.382	ng	97
28) bis(2-Chloroethoxy)methane	10.04	93	1266678	37.935	ng	99
29) 2,4-Dichlorophenol	10.26	162	890790	40.677	ng	98
30) 1,2,4-Trichlorobenzene	10.48	180	1072319	42.585	ng	99
31) Naphthalene	10.67	128	2979854	40.285	ng	99
32) Benzoic acid	9.94	122	503283	41.210	ng	98
33) 4-Chloroaniline	10.78	127	1304173	37.885	ng	98
34) Hexachlorobutadiene	10.95	225	646810	42.811	ng	99
35) Caprolactam	11.57	113	275414	36.202	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	929977	36.526	ng	99
37) 2-Methylnaphthalene	12.28	142	2094961	38.210	ng	99
38) 1-Methylnaphthalene	12.50	142	1961631	37.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1065339	43.282	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	545300	37.042	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	693155	43.750	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	712326	43.549	ng	96
46) 1,1'-Biphenyl	13.30	154	2629433	41.917	ng	99
47) 2-Chloronaphthalene	13.34	162	2122485	41.923	ng	99
48) 2-Nitroaniline	13.55	65	662513	41.693	ng	94
49) Acenaphthylene	14.19	152	3213913	40.685	ng	100
50) Dimethylphthalate	13.93	163	2511028	39.131	ng	100
51) 2,6-Dinitrotoluene	14.04	165	531875	40.820	ng	92
52) Acenaphthene	14.53	154	1908370	40.538	ng	99
53) 3-Nitroaniline	14.37	138	599440	41.217	ng	98
54) 2,4-Dinitrophenol	14.57	184	209178	41.190	ng	97
55) Dibenzofuran	14.86	168	2933999	40.128	ng	99
56) 4-Nitrophenol	14.67	139	459759	42.900	ng	93
57) 2,4-Dinitrotoluene	14.83	165	720102	41.276	ng	95
58) Fluorene	15.51	166	2397883	39.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	599432	42.056	ng	99
60) Diethylphthalate	15.29	149	2509739	37.922	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1257337	39.494	ng	96
62) 4-Nitroaniline	15.54	138	639802	41.481	ng	96
63) Azobenzene	15.80	77	2378413	37.485	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	285487	40.873	ng	96
66) n-Nitrosodiphenylamine	15.73	169	2052394	40.129	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	762030	40.510	ng	96
68) Hexachlorobenzene	16.51	284	880069	40.066	ng	97
69) Atrazine	16.67	200	646221	42.335	ng	99
70) Pentachlorophenol	16.85	266	476819	45.503	ng	99
71) Phenanthrene	17.25	178	3653660	40.345	ng	100
72) Anthracene	17.34	178	3664484	40.429	ng	99
73) Carbazole	17.62	167	3357745	40.823	ng	100
74) Di-n-butylphthalate	18.17	149	4129286	38.673	ng	99
75) Fluoranthene	19.26	202	4177291	41.478	ng	99
77) Benzidine	19.46	184	1865490	39.523	ng	100
78) Pyrene	19.63	202	4345531	36.353	ng	100
80) Butylbenzylphthalate	20.53	149	1868972	36.998	ng	94
81) Benzo(a)anthracene	21.37	228	4302164	39.660	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1726270	43.458	ng	99
83) Chrysene	21.42	228	4110962	39.868	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2678136	36.478	ng	99
85) Di-n-octyl phthalate	22.19	149	4647564	39.872	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5486785	52.012	ng	99
88) Benzo(b)fluoranthene	22.98	252	4523939	37.936	ng	99
89) Benzo(k)fluoranthene	23.03	252	4424144	37.963	ng	100
90) Benzo(a)pyrene	23.57	252	4276047	39.532	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	4550775	43.365	ng	99
92) Benzo(g,h,i)perylene	26.71	276	4297235	44.086	ng	99

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

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