Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020545.D
Acq On : 24 May 2019 12:47
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:43 AM

Quant Time: May 24 15:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61535	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	255932	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	185552	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	508357	20.00	ng	0.00
76) Chrysene-d12	21.27	240	600469	20.00	ng	0.00
87) Perylene-d12	23.51	264	634915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	254273	67.54	ng	0.00
7) Phenol-d6	6.85	99	384127	74.69	ng	0.00
23) Nitrobenzene-d5	8.84	82	483572	74.60	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	291847	101.33	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1163113	77.12	ng	0.00
79) Terphenyl-d14	19.71	244	2698949	78.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	65922	35.704	ng	100
3) Pyridine	3.57	79	197337	41.791	ng	100
4) n-Nitrosodimethylamine	3.50	42	45181	29.838	ng	100
6) Aniline	7.00	93	277120	42.805	ng	100
8) 2-Chlorophenol	7.23	128	154299	37.643	ng	100
9) Benzaldehyde	6.82	77	124494	31.983	ng	100
10) Phenol	6.87	94	207141	37.414	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	153149	38.059	ng	100
12) 1,3-Dichlorobenzene	7.55	146	198453	41.612	ng	100
13) 1,4-Dichlorobenzene	7.70	146	199446	41.398	ng	100
14) 1,2-Dichlorobenzene	8.01	146	197619	43.054	ng	100
15) Benzyl Alcohol	7.92	79	177485	35.790	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	105189	31.525	ng	100
17) 2-Methylphenol	8.12	107	134349	37.696	ng	100
18) Hexachloroethane	8.72	117	79920	39.784	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	170513	38.753	ng	100
20) 3+4-Methylphenols	8.45	107	182485	38.525	ng	100
22) Acetophenone	8.50	105	279259	39.925	ng	100
24) Nitrobenzene	8.88	77	239379	35.615	ng	100
25) Isophorone	9.39	82	450574	40.305	ng	100
26) 2-Nitrophenol	9.58	139	88568	43.647	ng	100
27) 2,4-Dimethylphenol	9.64	122	129793	38.420	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	233968	38.428	ng	100
29) 2,4-Dichlorophenol	10.11	162	174687	41.008	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	234338	44.707	ng	100
31) Naphthalene	10.50	128	518226	39.019	ng	100
32) Benzoic acid	9.82	122	81914m	36.598	ng	
33) 4-Chloroaniline	10.64	127	212725	38.915	ng	100
34) Hexachlorobutadiene	10.76	225	176139	47.503	ng	100
35) Caprolactam	11.45	113	57781m	45.362	ng	
36) 4-Chloro-3-methylphenol	11.77	107	190060	37.966	ng	100
37) 2-Methylnaphthalene	12.12	142	397206	41.023	ng	100
38) 1-Methylnaphthalene	12.35	142	384477	40.607	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	309035	42.570	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	128682	30.105 ng	100
43) 2,4,6-Trichlorophenol	12.75	196	195324	47.342 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	183472	39.807 ng	100
46) 1,1'-Biphenyl	13.15	154	569111	37.263 ng	100
47) 2-Chloronaphthalene	13.19	162	478194	39.215 ng	100
48) 2-Nitroaniline	13.43	65	142612	32.850 ng	100
49) Acenaphthylene	14.04	152	722900	37.043 ng	100
50) Dimethylphthalate	13.79	163	651621	41.319 ng	100
51) 2,6-Dinitrotoluene	13.92	165	137070	41.266 ng	100
52) Acenaphthene	14.39	154	439670	39.287 ng	100
53) 3-Nitroaniline	14.26	138	116637	37.834 ng	100
54) 2,4-Dinitrophenol	14.47	184	70140	49.927 ng	100
55) Dibenzofuran	14.73	168	754895	39.991 ng	100
56) 4-Nitrophenol	14.59	139	75650	28.761 ng	100
57) 2,4-Dinitrotoluene	14.72	165	198130	43.898 ng	100
58) Fluorene	15.37	166	628683	40.552 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	208975	47.711 ng	100
60) Diethylphthalate	15.15	149	638033	40.157 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	399382	45.467 ng	100
62) 4-Nitroaniline	15.44	138	111115	32.660 ng	100
63) Azobenzene	15.66	77	626639	33.431 ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	122354	51.290 ng	100
66) n-Nitrosodiphenylamine	15.59	169	544371	36.392 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	271352	43.529 ng	100
68) Hexachlorobenzene	16.37	284	322535	44.962 ng	100
69) Atrazine	16.55	200	233672	39.973 ng	100
70) Pentachlorophenol	16.73	266	171873	41.876 ng	100
71) Phenanthrene	17.12	178	1087848	38.766 ng	100
72) Anthracene	17.21	178	1061757	37.843 ng	100
73) Carbazole	17.49	167	908851	35.900 ng	100
74) Di-n-butylphthalate	18.04	149	1116200	36.637 ng	100
75) Fluoranthene	19.14	202	1492606	42.039 ng	100
77) Benzidine	19.34	184	495621	25.817 ng	100
78) Pyrene	19.50	202	1534314	38.058 ng	100
80) Butylbenzylphthalate	20.40	149	535351	36.516 ng	100
81) Benzo(a)anthracene	21.26	228	1644965	39.063 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	604668	37.622 ng	100
83) Chrysene	21.31	228	1598799	39.148 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	757194	33.284 ng	100
85) Di-n-octyl phthalate	22.05	149	1302125	34.438 ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1702667	35.050 ng	100
88) Benzo(b)fluoranthene	22.84	252	1619694	38.632 ng	100
89) Benzo(k)fluoranthene	22.88	252	1652780	43.216 ng	100
90) Benzo(a)pyrene	23.41	252	1507434	39.583 ng	100
91) Dibenzo(a,h)anthracene	25.80	278	1432734	36.176 ng	100
92) Benzo(g,h,i)perylene	26.49	276	1308699	34.805 ng	100

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

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